100 Documents

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EP1214679 A1	Movement sensing device	LIVESCRIBE
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EP1499494 A1	Digital color-design composite for use in laminated glass	CPFILMS, ...
EP2006098 A2	Printing group of a printing press	KOENIG & BAUER
EP1721735 A2	Laminates and methods and apparatus for their manufacture	NORMA GERMANY
EP2075130 A2	Coating device with short inking system	MANROLAND
EP1743775 A1	Coated paper for sheet fed offset printing	SAPPI NETHERLANDS SERVICES
EP1556449 A1	Ink composition and method for use thereof in the manufacturing of electrochemical sensors	LIFESCAN
EP3302976 A1	Printing system and method	ACTEGA METAL PRINT
EP3055457 A1	Optically variable security threads and stripes	CHINA BANKNOTE SICPA SECURITY INK, ...
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WO201932896 A1	Manufacturing light field prints	LUMII
EP1568346 A1	Process for producing edible orally administered agent of laminate film form and compression bonding apparatus	KYUKYU YAKUHIN KOGYO
CN102092171 A	Laminated rotary printing machine	DONGGUAN ZHONGQI MACHINERY
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WO2013188379 A1	Methods of manufacture and use of customized flexomaster patterns for flexographic printing	KODAK, ...
EP2846995 A1	Flexible materials for flexible containers	PROCTER & GAMBLE
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EP1947511 A1	Process for the manufacture of printing support for rollers for the printing of laminar materials, machine for implementing the process and the printing support for printing rollers	NASINI ALFREDO CARLOS
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EP2943346 A1	Digital binder and powder print	CERALOC INNOVATION
EP1160092 A1	Material detecting device for stamp making	SEIKO EPSON, ...
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EP3148763 A1	Thermoset in-mold finishing film	ABSOLUTE EXHIBITS
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EP1392514 A2	A high speed photo-printing apparatus	MAGNACHIP SEMICONDUCTOR
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EP-930234 A1	Method and apparatus for wrapping elongate articles	KURZ JAPAN, ...
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EP3362224 A1	Method and apparatus for forming advanced polishing pads using an additive manufacturing process	APPLIED MATERIALS

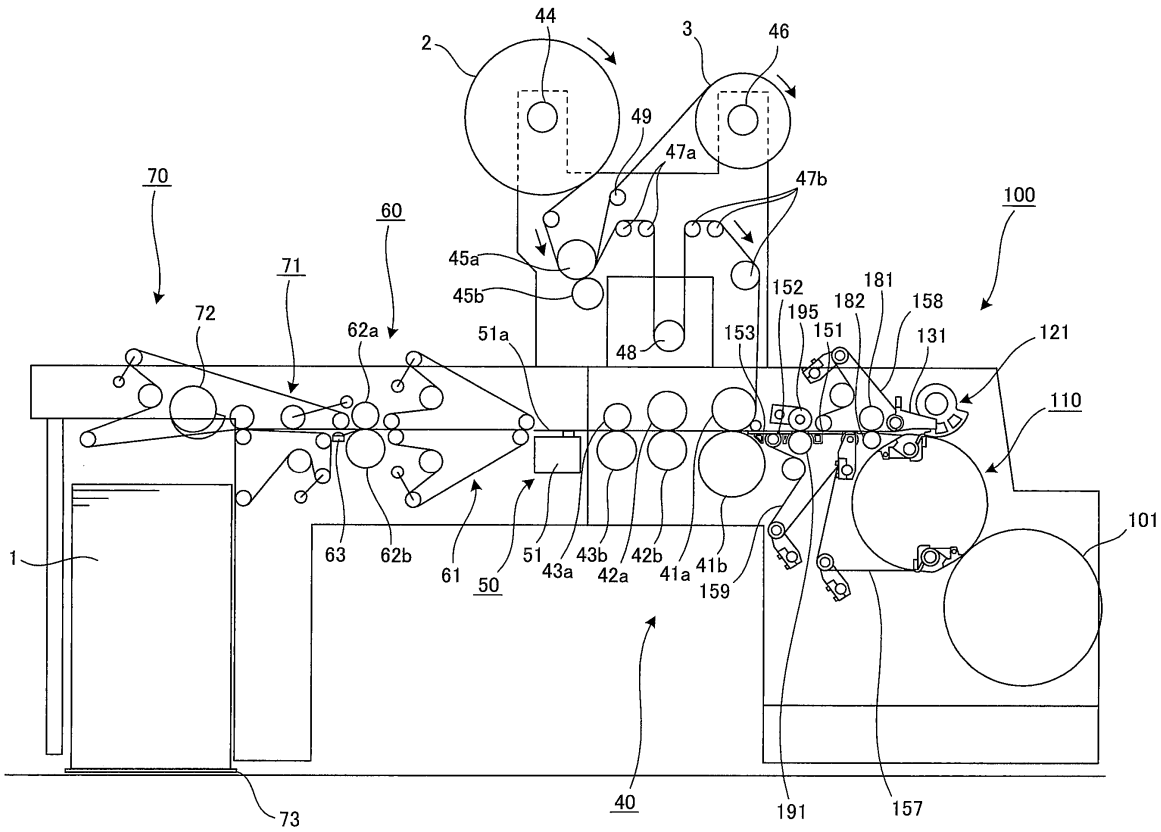
Family 1/100 - FAMPAT - ©Questel

Title

(EP2184165)

Sheet-fed printing press

Images



Publication data including kind & date

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Abstract

(EP2184165)

Described is a sheet-fed offset printing press including: a printing unit 20 printing on paper sheets 1; and laminate unit 40 for applying lamination to the paper sheets 1 printed by the printing unit 20, the lamination unit 40 being provided downstream of the printing unit 20 in a transport direction of the paper sheets 1.

Inventors

OHSAWA SHIN

Latest standardized assignees - inventors removed

KOMORI

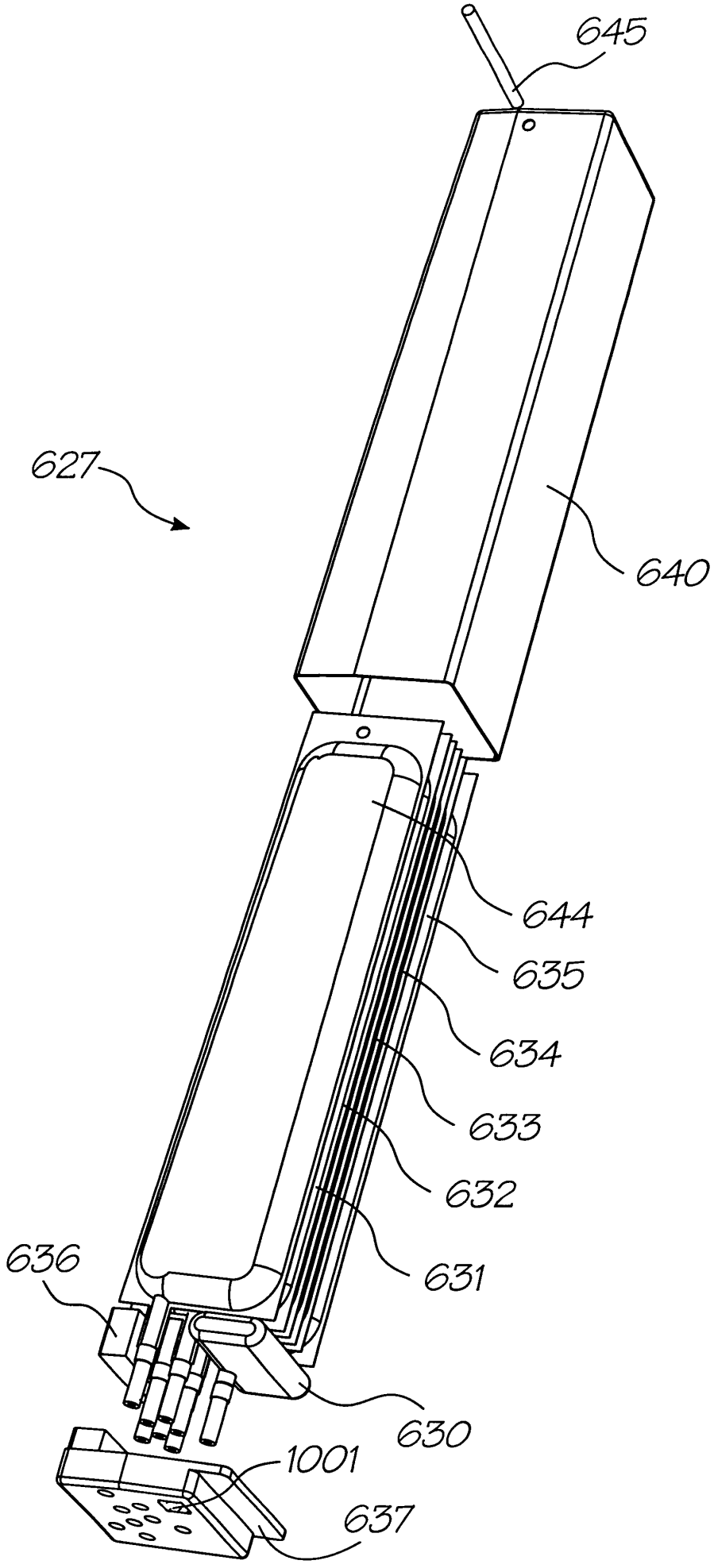
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Title

(EP1214679)

Movement sensing device

Images


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Publication data including kind & date

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WO00/71348	A1	2000-11-30	WO200071348
WO00/71350	A1	2000-11-30	WO200071350
WO00/72125	A1	2000-11-30	WO200072125
WO00/72128	A1	2000-11-30	WO200072128
WO00/72132	A1	2000-11-30	WO200072132
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WO00/72137	A1	2000-11-30	WO200072137
WO00/72138	A1	2000-11-30	WO200072138
WO00/72202	A1	2000-11-30	WO200072202
WO00/72230	A1	2000-11-30	WO200072230
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CA2374821	A1	2000-11-30	CA2374821



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CA2371955	A1	2000-11-30	CA2371955
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CA2375235	A1	2000-11-30	CA2375235
CA2375251	A1	2000-11-30	CA2375251
BRPI0010899	A1	1981-10-20	BR0010899
BRPI0010887	A1	1981-10-20	BR0010887

Abstract

(EP1214679)

A sensing device for sensing region identity data and generating movement data when the sensing device is moved relative to a region of a surface, the region identity data being indicative of an identity of the region, the movement data being indicative of the movement of the sensing device relative to the region, the surface having disposed upon it coded data indicative of at least one region associated with the surface, the sensing device including: region identity sensing means configured to sense the region identity data using at least some of the coded data; motion sensing means configured to generate the movement data; and communications means configured to communicate the region identity data and the movement data to a computer system.

Inventors

SILVERBROOK KIA

LAPSTUN PAUL

WALMSLEY SIMON ROBERT

KING TOBIN ALLEN

Latest standardized assignees - inventors removed

LIVESCRIBE

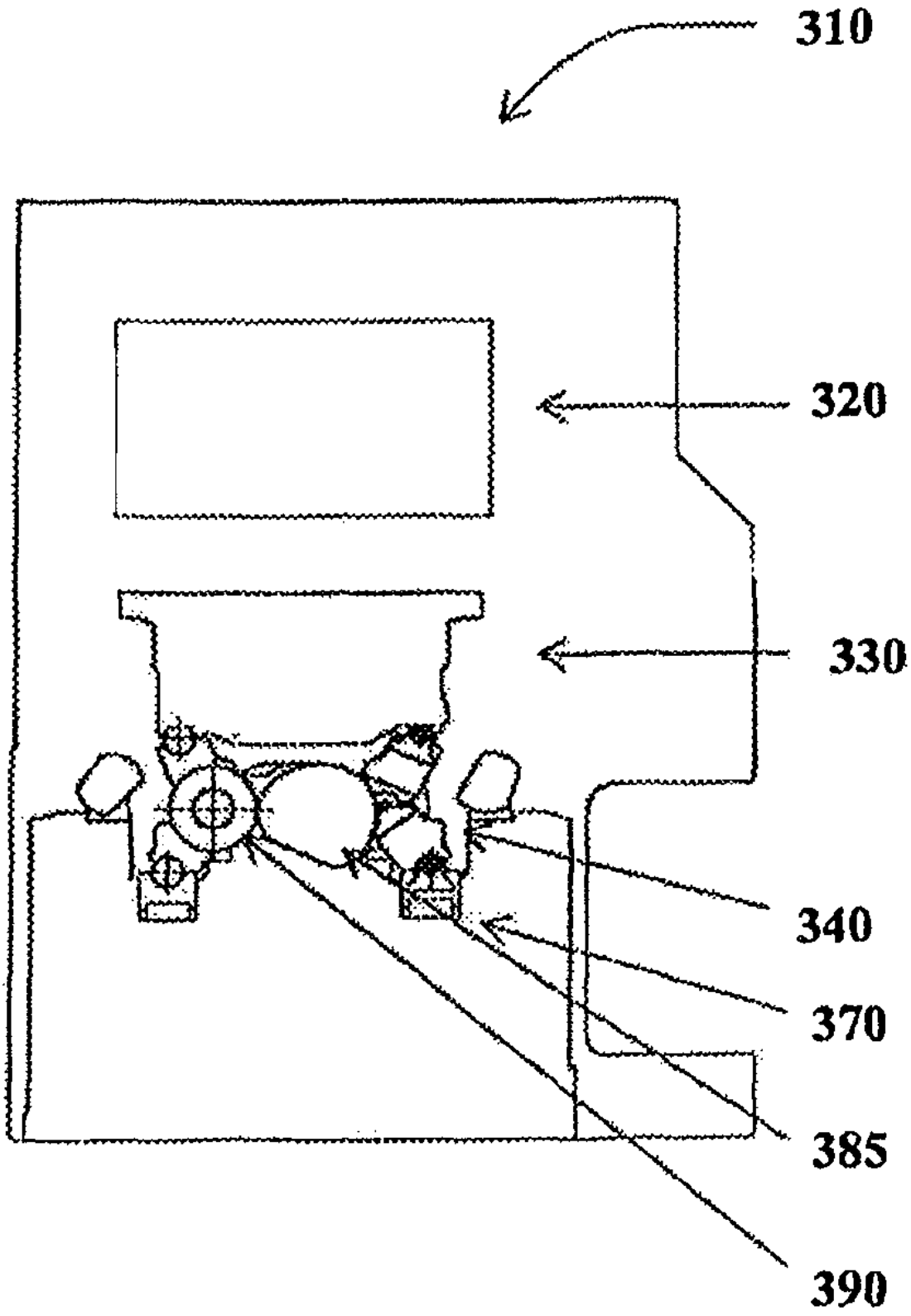
Family 3/100 - FAMPAT - ©Questel

Title

(EP2619011)

Embossing machine including a platen press

Images



Publication data including kind & date

IN2958/CHENP/2013	A	2016-06-03	IN2013CN02958
US9352524	B2	2016-05-31	US9352524
BR112013005553	A2	2016-05-03	BR112013005553
TWI515120	B	2016-01-01	TWI515120
JP5830786	B2	2015-11-06	JP5830786
KR101536833	B1	2015-07-14	KR101536833
CN103118873	B	2015-03-25	CN103118873B
ES2496445	T3	2014-09-19	ES2496445

EP2619011	B1	2014-07-23	EP2619011
BR112013005553	A1	2013-12-31	BR112013005553
JP2013542859	A	2013-11-28	JP2013542859
EP2619011	A1	2013-07-31	EP2619011
US20130174749	A1	2013-07-11	US20130174749
KR20130057474	A	2013-05-31	KR20130057474
CN103118873	A	2013-05-22	CN103118873
TW201217183	A	2012-05-01	TW201217183
WO2012/038079	A1	2012-03-29	WO201238079

Abstract

(EP2619011)

The present invention relates to an embossing machine including a platen press (310) comprising a stationary platen (320) and a mobile platen (330) performing a reciprocating movement imparted thereto by hinged members forming toggle joints (340). According to the invention, the machine includes a camshaft (380), and each hinged member forming a toggle joint (340) comprises a linking member (390) engaging with a cam (385) supported by the camshaft (380).

Inventors

DE GAILLANDE CHRISTOPHE

Latest standardized assignees - inventors removed

BOBST MEX

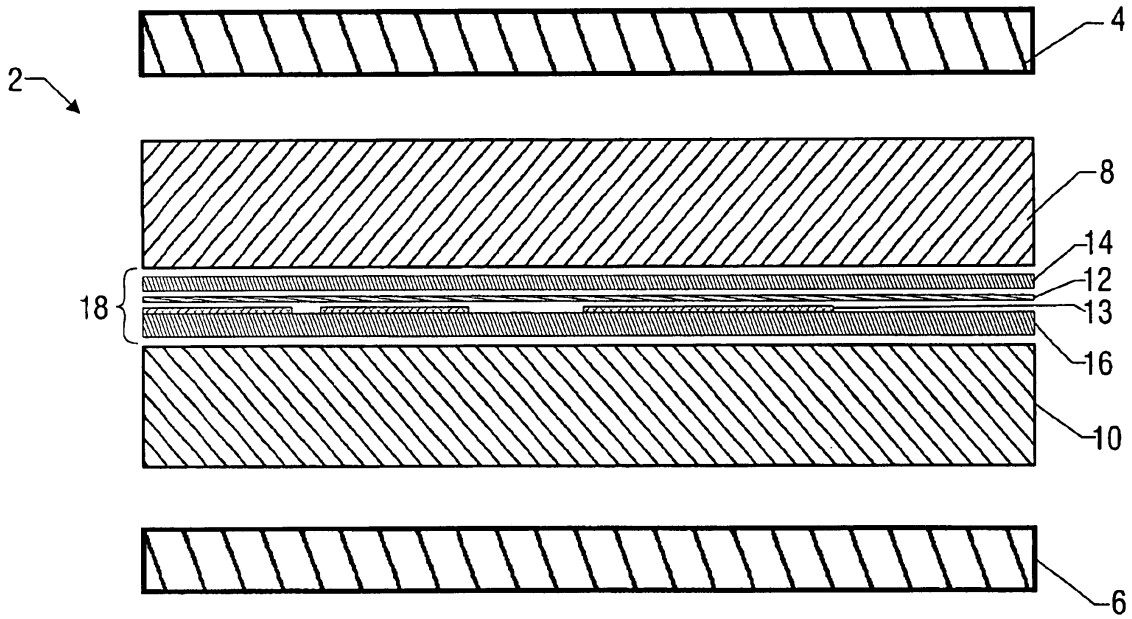
Family 4/100 - FAMPAT - ©Questel

Title

(EP1499494)

Digital color-design composite for use in laminated glass

Images



Publication data including kind & date

BRPI0309749	A2	2012-05-08	BR200309749
US7727634	B2	2010-06-01	US7727634
JP4410096	B2	2009-11-20	JP4410096
ES2307935	T3	2008-12-01	ES2307935
DE60323219	D1	2008-10-09	DE60323219
AT406259	T	2008-09-15	ATE406259

EP1499494	B1	2008-08-27	EP1499494
CN100398314	C	2008-07-02	CN100398314C
AU2003228745	B2	2008-04-03	AU2003228745
RU2297330	C2	2007-04-20	RU2297330
US20060078716	A1	2006-04-13	US20060078716
CN1665680	A	2005-09-07	CN1665680
ZA200408716	B	2005-08-30	ZA200408716
PL373321	A1	2005-08-22	PL2003373321
JP2005523866	A	2005-08-11	JP2005523866
RU2004134734	A	2005-05-10	RU2004134734
KR20050020785	A	2005-03-04	KR20050020785
BR0309749	A	2005-02-15	BR200309749
BRPI0309749	A1	2005-02-15	BRPI0309749
NO20044823	L	2005-01-28	NO20044823
EP1499494	A1	2005-01-26	EP1499494
MXPA04010886	A	2005-01-25	MX2004PA010886
US6824868	B2	2004-11-30	US6824868
NO20044823	D0	2004-11-05	NO200404823
AU2003228745	A1	2003-11-17	AU2003228745
WO03/092999	A1	2003-11-13	WO200392999
CA2483411	A1	2003-11-13	CA2483411
US20030203167	A1	2003-10-30	US20030203167
US20030203214	A1	2003-10-30	US20030203214

Abstract

(EP1499494)

This invention is directed to a plastic composite comprising color images printed onto a polyethylene terephthalate (PET) substrate using digital printing technology. The PET layer is then bonded to a second PET layer using a thermally activated adhesive, preferably ethylene vinyl acetate copolymer (EVA). The bonded PET layers are then disposed between two layers of plasticized PVB, forming the plastic composite. The plastic composite can then be placed between two sheets of glass forming the final laminated glass product.

Inventors

BELL WILLIAM PAUL

MORAN JAMES R

YACOVONE VINCENT J

Latest standardized assignees - inventors removed

CPFILMS

CP FILMS

FLEXSYS AMERICA AKRON OH

SOLUTIA

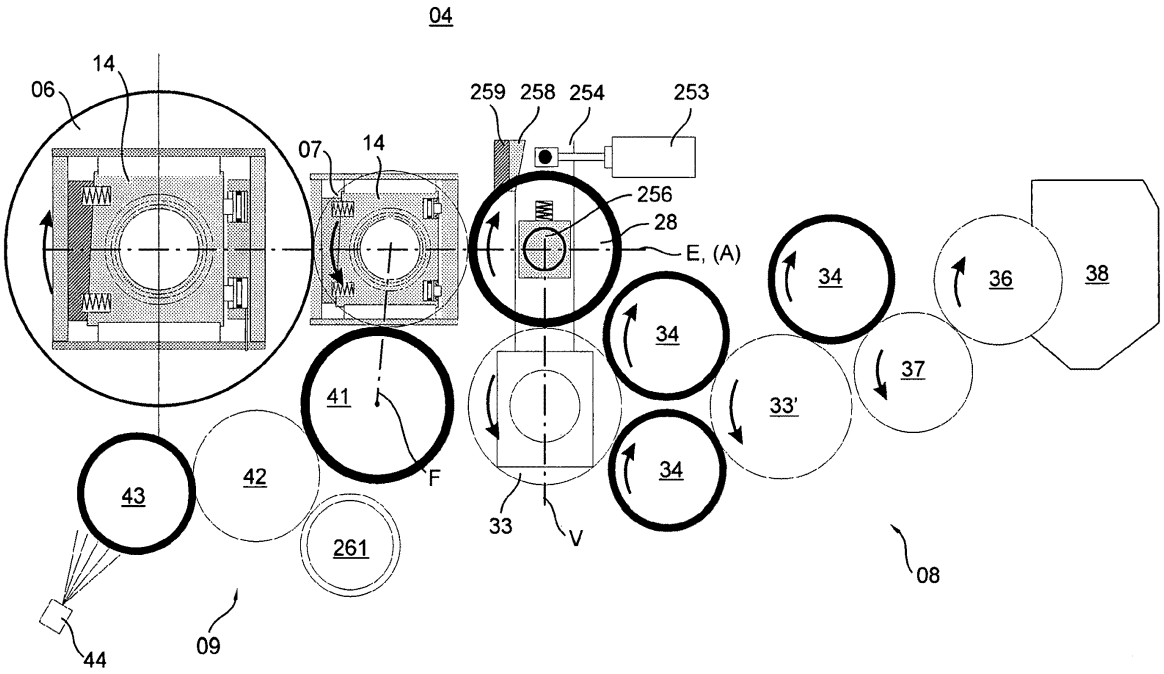
Family 5/100 - FAMPAT - ©Questel

Title

(EP2006098)

Printing group of a printing press

Images



Publication data including kind & date

US8069785	B2	2011-12-06	US8069785
RU2420409	C2	2011-06-10	RU2420409
CN101505962	B	2011-06-01	CN101505962B
BRPI0708538	A2	2011-05-31	BR200708538
RU2377130	C9	2011-03-20	RU2377130
RU2008138404	A	2010-04-10	RU2008138404
RU2377130	C1	2009-12-27	RU2377130
DE502007001078	D1	2009-08-27	DE502007001078
DE502007001079	D1	2009-08-27	DE502007001079
CN101505962	A	2009-08-12	CN101505962
JP2009528197	A	2009-08-06	JP2009528197
EP1991419	B1	2009-07-15	EP1991419
EP1991421	B1	2009-07-15	EP1991421
US20090145315	A1	2009-06-11	US20090145315
CN101448645	A	2009-06-03	CN101448645
US20090078138	A1	2009-03-26	US20090078138
IN4040/KOLNP/2008	A	2009-02-27	IN2008KN04040
IN4041/KOLNP/2008	A	2009-02-27	IN2008KN04041
EP2014469	A2	2009-01-14	EP2014469
EP2006098	A2	2008-12-24	EP2006098
EP1991419	A2	2008-11-19	EP1991419
EP1991421	A2	2008-11-19	EP1991421
WO2007/099147	A3	2008-02-07	WO200799147
WO2007/099148	A3	2008-01-03	WO200799148
DE102006030290	B3	2007-10-18	DE102006030290
WO2007/099147	A2	2007-09-07	WO200799147
WO2007/099148	A2	2007-09-07	WO200799148

Abstract

(EP2006098)

A printing group (04) has a transfer cylinder (06), a form cylinder (07), and an inking unit (08) with a single ink application roller (28). The inking unit also has two axially traversing friction cylinders (33,33') disposed serially in an inking path. The ink application roller, which cooperates with the form cylinder, has same diameter as the form cylinder.

Inventors

SCHAEFER KARL
SCHNEIDER GEORG
WESCHENFELDER KURT

Latest standardized assignees - inventors removed

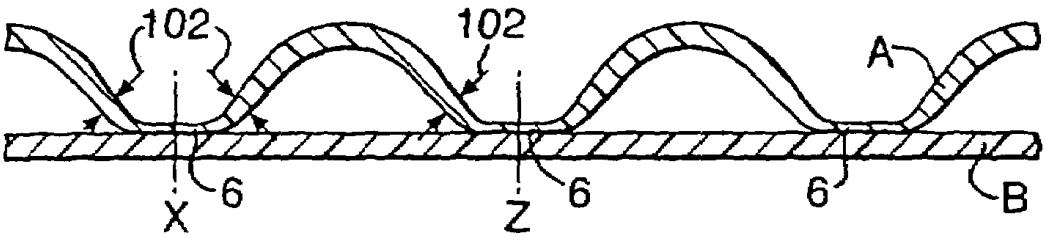
KOENIG & BAUER

Family 6/100 - FAMPAT - ©Questel

Title

(EP1721735)
Laminates and methods and apparatus for their manufacture

Images



Publication data including kind & date

JP5291406	B2	2013-06-14	JP5291406
CA2448034	C	2013-01-22	CA2448034
CN101066632	B	2012-06-20	CN101066632B
BR0209553	B1	2012-05-29	BR200209553
BRPI0209553	B1	2012-05-29	BRPI0209553
RU2412056	C2	2011-02-20	RU2412056
JP4677185	B2	2011-02-04	JP4677185
BRPI0209553	A2	2010-12-21	BR200209553
IN244628	B	2010-12-17	IN-244628
EP1721735	A3	2010-10-27	EP1721735
US7820271	B2	2010-10-26	US7820271
KR100969535	B1	2010-07-12	KR100969535
JP2009035002	A	2009-02-19	JP2009035002
KR20080068764	A	2008-07-23	KR20080068764
HK1065977	A1	2008-04-11	HK1065977
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CN101066632	A	2007-11-07	CN101066632
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AU2002321156	B2	2007-02-15	AU2002321156
DE60210962	T2	2007-01-04	DE60210962
RU2290313	C2	2006-12-27	RU2290313
EP1721735	A2	2006-11-15	EP1721735
US7132151	B2	2006-11-07	US7132151
IL158528	B	2006-06-11	IL-158528
DE60210962	D1	2006-06-01	DE60210962
AT324257	T	2006-05-15	ATE324257
EP1399315	B1	2006-04-26	EP1399315
TWI246964	B	2006-01-11	TWI246964
IN1989/CHENP/2003	A	2006-01-06	IN2003CN01989
NZ529184	A	2005-09-30	NZ-529184
CO5540329	A2	2005-07-29	CO5540329
MXPA03011416	A	2005-07-25	MX2003PA011416
RU2004100845	A	2005-05-10	RU2004100845
TR200302175	T2	2005-01-24	TR200302175
ZA200308382	B	2004-10-28	ZA200308382
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KR20040007724	A	2004-01-24	KR20040007724
NO20035452	D0	2003-12-08	NO200305452
WO02/102592	A1	2002-12-27	WO2002102592
CA2448034	A1	2002-12-27	CA2448034
GB0114691	D0	2001-08-08	GB200114691

Abstract

(EP1721735)

A flexible laminate of films of thermoplastic polymer material comprises fluted ply A and substantially flat ply B, adhered to one another at the crests of A in contact with B. The wavelength of the flutes is preferably no more than 3mm. A has attenuated zones (6) extending parallel to the flute direction, each bonding zone being mainly located within a first attenuated zone (6). Apparatus for forming the laminate comprises aligned grooved fluting rollers and grooved laminating roller. The laminate has useful mechanical characteristics, as a flexible material, e.g. when formed into bags which may be self-supporting. Filler material may be filled into the flutes and/or perforations may be provided in one or both plies after lamination.

Inventors

RASMUSSEN OLE-BENDT

Latest standardized assignees - inventors removed

NORMA GERMANY

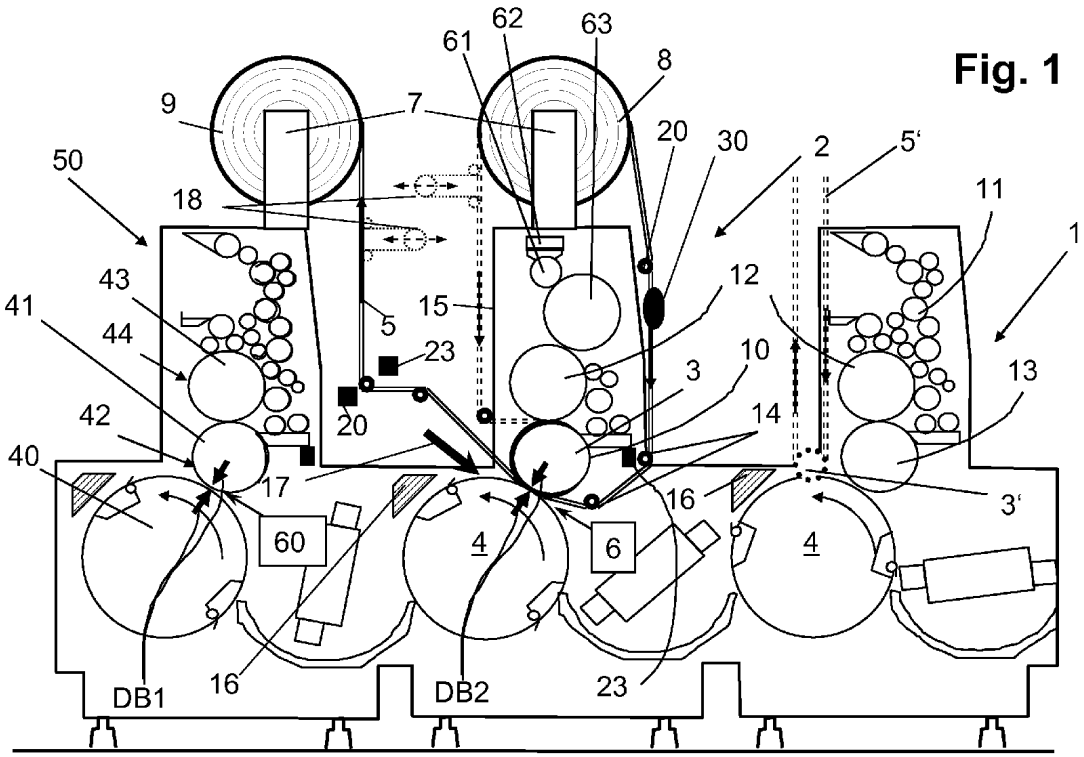
Family 7/100 - FAMPAT - ©Questel

Title

(EP2075130)

Coating device with short inking system

Images



Publication data including kind & date

EP2075130	A3	2012-03-14	EP2075130
JP2009160934	A	2009-07-23	JP2009160934
DE102008054411	A1	2009-07-02	DE102008054411
EP2075130	A2	2009-07-01	EP2075130

Abstract

(EP2075130)

The device has an applicator (1) for providing image type coating of a printing sheet using an adhesive. A coating unit (2) is provided for transferring imaging layers from a transfer film (5) to a printing sheet. The coating unit has a counter printing cylinder (4) and a press roll (3) forming a common transfer gape (6). The transfer film is guided around the press roll. The applicator has an adhesive supply device for supplying the adhesive, and an adhesive reservoir in connection with a squeegee device i.e. chamber wiper (61).

Inventors

SCHOELZIG JUERGEN

Latest standardized assignees - inventors removed

MANROLAND

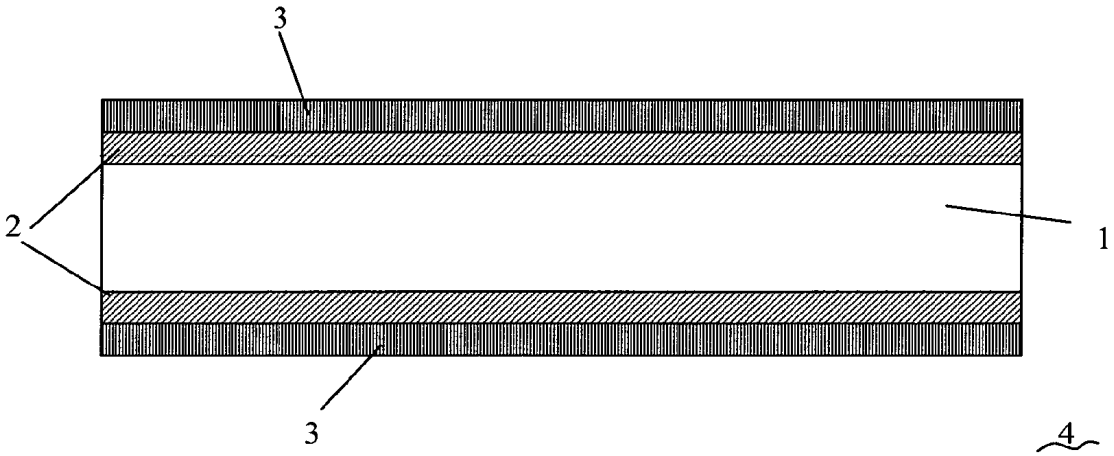
Family 8/100 - FAMPAT - ©Questel

Title

(EP1743775)

Coated paper for sheet fed offset printing

Images



Publication data including kind & date

AU2006268656	B2	2011-11-10	AU2006268656
BRPI0615513	A2	2011-05-17	BR200615513
EA013783	B1	2010-06-30	EA--13783
ZA200800265	B	2009-05-27	ZA200800265
JP2009501284	A	2009-01-15	JP2009501284
US20080261021	A1	2008-10-23	US20080261021
CN101237996	A	2008-08-06	CN101237996
IN5064/KOLNP/2007	A	2008-07-18	IN2007KN05064
EA200800036	A1	2008-06-30	EA200800036
EP1919710	A1	2008-05-14	EP1919710
KR20080035625	A	2008-04-23	KR20080035625
WO2007/006796	A1	2007-01-18	WO200706796
CA2614250	A1	2007-01-18	CA2614250
AU2006268656	A1	2007-01-18	AU2006268656
EP1743775	A1	2007-01-17	EP1743775

Abstract

(EP1743775)

SUMMARY The specification pertains to a single or multiple coated printing sheet in particular but not exclusively for sheet-fed offset printing with an image receptive coating layer on a paper substrate. The printing sheet has the property that it can be printed in an offset printing process without spraying a fine powder, usually called offset powder or dust powder, on the sheet as it comes off the press to prevent the ink from transferring to the back side of the next sheet. Also irradiative (UV or IR) or heat drying on the sheet fed press is not necessary and/or the use of overprint varnish is not required. In addition to that, unexpectedly short converting times and times until reprinting is possible can be achieved. Furthermore methods for making such a printing sheet and uses of such a printing sheet are disclosed.

Inventors

HAENEN JP G H F

RESCH P K

SCHOLTE H B

Latest standardized assignees - inventors removed

SAPPI NETHERLANDS SERVICES

Family 9/100 - FAMPAT - ©Questel

Title

(EP1556449)

Ink composition and method for use thereof in the manufacturing of electrochemical sensors

Images

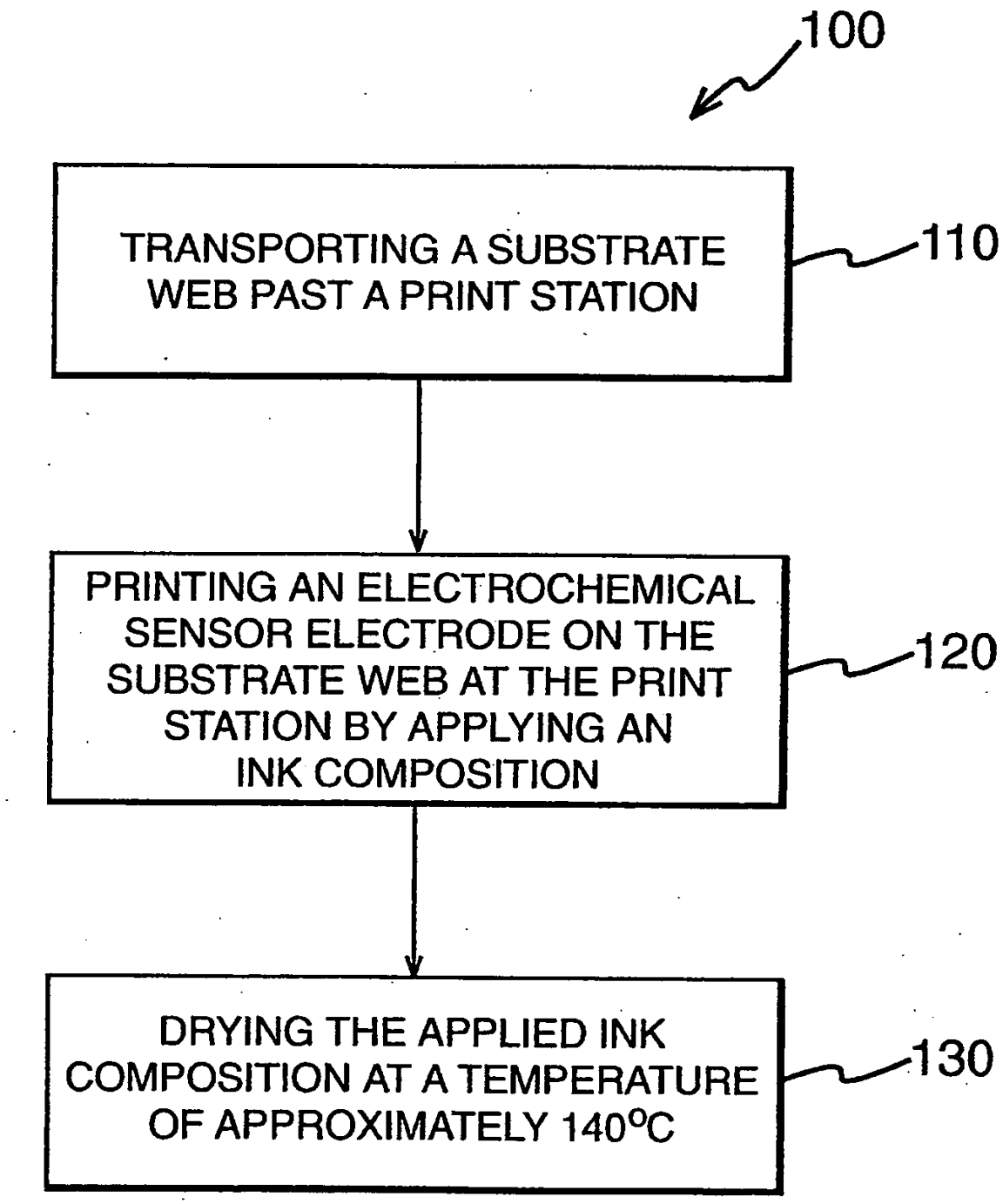


FIG. 1

Publication data including kind & date

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JP4536651	B2	2010-06-25	JP4536651
HK1076865	A1	2010-04-16	HK1076865
ES2335278	T3	2010-03-24	ES2335278
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AT449960	T	2009-12-15	ATE449960
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EP1556226	B1	2009-11-25	EP1556226
EP1561099	B1	2009-11-25	EP1561099
DE60329012	D1	2009-10-08	DE60329012
AT441106	T	2009-09-15	ATE441106
EP1558923	B1	2009-08-26	EP1558923
CN100531521	C	2009-08-19	CN100531521C
AU2003276416	B2	2009-07-16	AU2003276416
HK1081265	A1	2009-06-26	HK1081265
AU2003283527	B2	2009-06-04	AU2003283527
AU2003301684	B2	2009-05-21	AU2003301684
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ES2315542	T3	2009-04-01	ES2315542
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CN100465634	C	2009-03-04	CN100465634C
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HK1079816	A1	2007-11-09	HK1079816
ES2281695	T3	2007-10-01	ES2281695
DE60315338	D1	2007-09-13	DE60315338
SI1578612	T1	2007-08-31	SI1578612T
AT368749	T	2007-08-15	ATE368749
EP1563085	B1	2007-08-01	EP1563085
DK1578612	T3	2007-06-11	DK1578612T
HK1080804	A1	2007-06-08	HK1080804
PT1578612	E	2007-03-30	PT1578612
DE60311883	D1	2007-03-29	DE60311883
AT353768	T	2007-03-15	ATE353768
EP1578612	B1	2007-02-14	EP1578612
CN1826524	A	2006-08-30	CN1826524
IN1052/KOLNP/2004	A	2006-04-28	IN2004KN01052
JP2006512585	A	2006-04-13	JP2006512585
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CN1732381	A	2006-02-08	CN1732381
CN1732382	A	2006-02-08	CN1732382
CN1732724	A	2006-02-08	CN1732724
IL162902	A	2005-11-20	IL-162902
CN1692148	A	2005-11-02	CN1692148
EP1586222	A1	2005-10-19	EP1586222
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EP1579204	A1	2005-09-28	EP1579204
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PL373381	A1	2005-08-22	PL2003373381
EP1563085	A1	2005-08-17	EP1563085

WO2004/039897	A8	2005-08-11	WO200439897
EP1561099	A1	2005-08-10	EP1561099
EP1558923	A2	2005-08-03	EP1558923
EP1556449	A1	2005-07-27	EP1556449
EP1556226	A2	2005-07-27	EP1556226
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NO20042831	A	2004-08-31	NO200402831
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WO2004/039897	A3	2004-07-01	WO200439897
WO2004/040285	A3	2004-06-24	WO200440285
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AU2003278365	A1	2004-05-25	AU2003278365
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AU2003301684	A1	2004-05-25	AU2003301684
WO2004/039600	A2	2004-05-13	WO200439600
WO2004/039897	A2	2004-05-13	WO200439897
WO2004/039898	A1	2004-05-13	WO200439898
WO2004/040005	A1	2004-05-13	WO200440005
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WO2004/040287	A1	2004-05-13	WO200440287
WO2004/040290	A1	2004-05-13	WO200440290
WO2004/040948	A1	2004-05-13	WO200440948
CA2473976	A1	2004-05-13	CA2473976
CA2504182	A1	2004-05-13	CA2504182
CA2504223	A1	2004-05-13	CA2504223
CA2504306	A1	2004-05-13	CA2504306
CA2504307	A1	2004-05-13	CA2504307
CA2504311	A1	2004-05-13	CA2504311
CA2504351	A1	2004-05-13	CA2504351
CA2504574	A1	2004-05-13	CA2504574

Abstract

(EP1556449)

An ink composition for manufacturing electrochemical sensors in accordance with the present invention includes graphite,

carbon black, a resin and at least one solvent (e.g., at least one solvent with a boiling point between 120 °C and 250 °C). The ink composition has a weight ratio of graphite to carbon black is in a range of from 4:1 to 1:4 and a weight ratio of a sum of graphite and carbon black to resin in a range of from 10:1 to 1:1. Also, a method for manufacturing an electrochemical sensor includes transporting a substrate web past at least one print station and printing at least one electrochemical sensor electrode on the substrate web at the print station(s). The printing is accomplished by applying an ink composition to substrate web, wherein the ink composition includes, graphite, carbon black, a resin and at least one solvent. In addition, weight ratio of graphite to carbon black in the ink composition is in a range of from 4:1 to 1:4 and a weight ratio of a sum of graphite and carbon black to resin is in a range of from 10:1 to 1:1.

Inventors

DAVIES OLIVER WILLIAM HARDWICK
MARSHALL ROBERT
O'REILLY THOMAS JOSEPH
MITCHELL DARREN IAIN
ROBERTSON EMMA-LOUISE

Latest standardized assignees - inventors removed

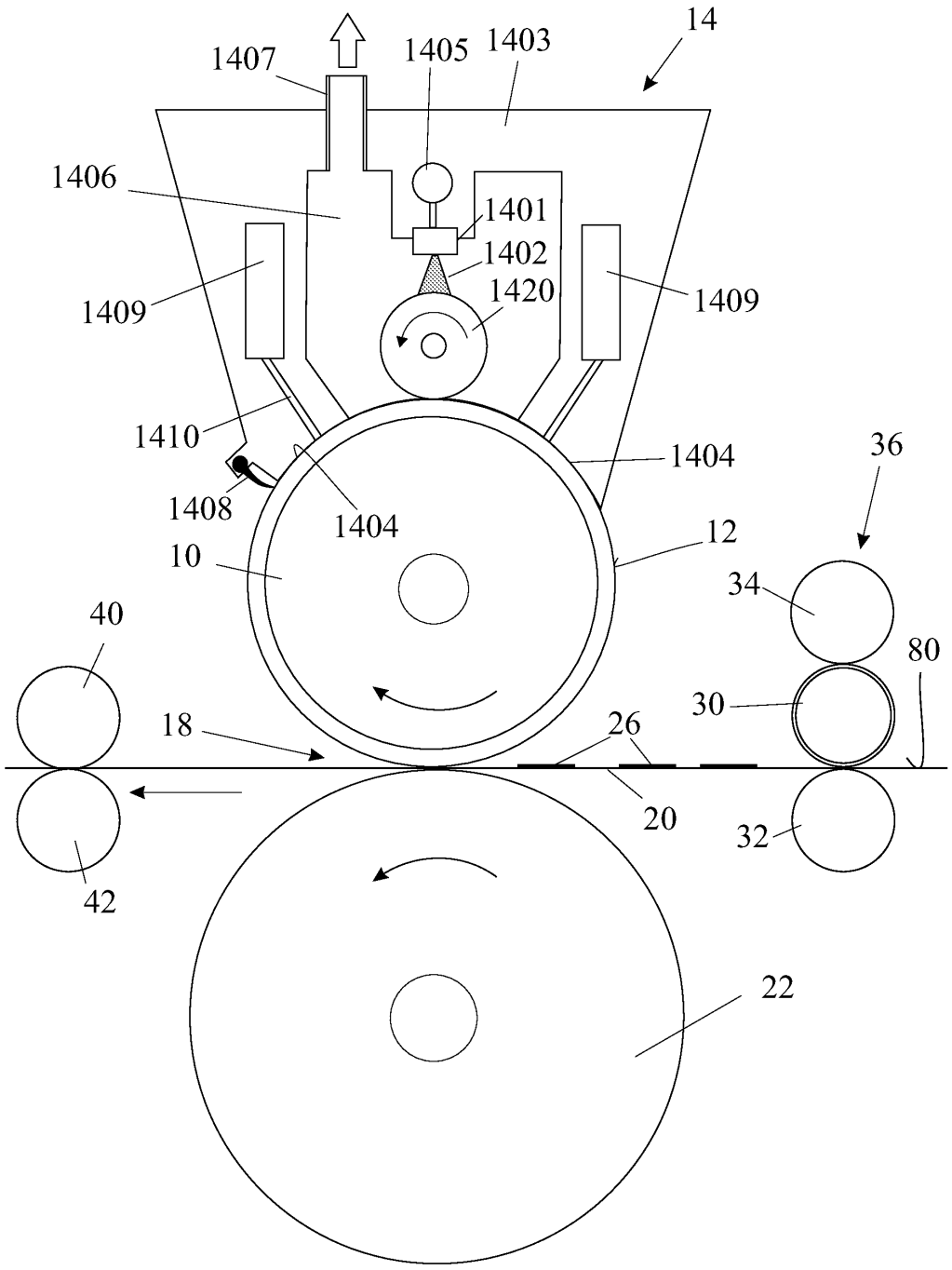
LIFESCAN

Family 10/100 - FAMPAT - ©Questel

Title

(EP3302976)
Printing system and method

Images



Publication data including kind & date

MX2017015160	A	2018-08-15	MX2017015160
BR112017025399	A2	2018-08-07	BR112017025399
US20180200751	A1	2018-07-19	US20180200751
JP2018517596	A	2018-07-05	JP2018517596
EP3302976	A1	2018-04-11	EP3302976
BR112017025399	A1	2018-04-03	BR112017025399
CN107848292	A	2018-03-27	CN107848292
KR20180012799	A	2018-02-06	KR20180012799
IL255826	A	2018-01-31	IL-255826
IN201747046074	A	2018-01-26	IN201747046074
AU2016268516	A1	2017-12-21	AU2016268516
WO2016/189515	A9	2017-02-23	WO2016189515

WO2016/189515	A4	2016-12-29	WO2016189515
WO2016/189515	A1	2016-12-01	WO2016189515
CA2987198	A1	2016-12-01	CA2987198

Abstract

(EP3302976)

There is disclosed a method of printing onto the surface of a substrate, which method comprises i) coating a donor surface (12) with a monolayer of particles, ii) treating the substrate surface (80) to render at least selected regions tacky, and iii) contacting the substrate surface with the donor surface to cause particles to transfer from the donor surface only to the tacky regions of the substrate surface. After printing on a substrate (20), the donor surface (12) returns to the coating station (14) where the continuity of the monolayer is restored by recovering with fresh particles the regions of the donor surface exposed by the transfer of particles to the substrate.

Inventors

LANDA BENZION
KRASSILNIKOV ANTON
FAHIMA MOSHE
YAKHEL VADIM
EDGAR BARAK

Latest standardized assignees - inventors removed

ACTEGA METAL PRINT

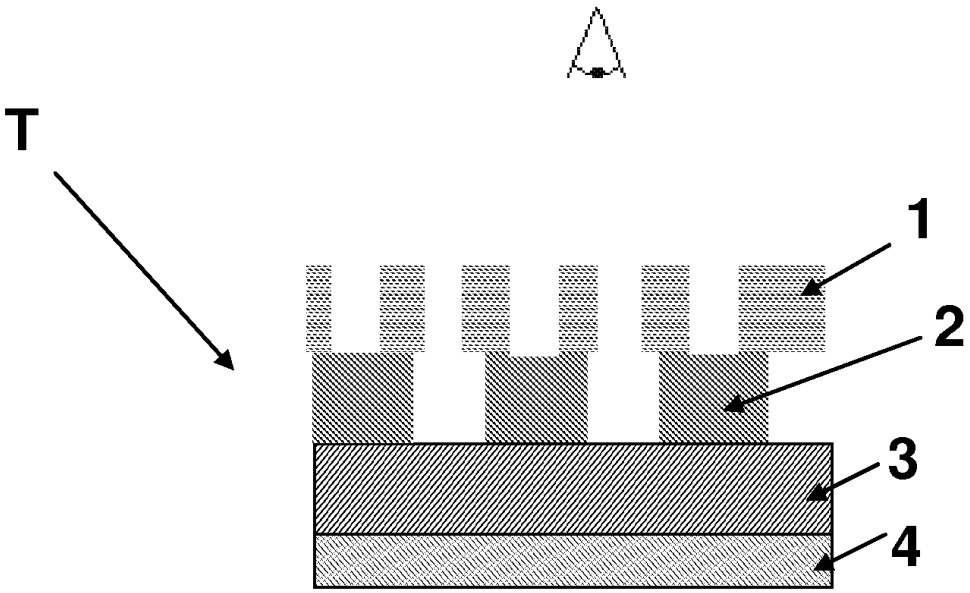
Family 11/100 - FAMPAT - ©Questel

Title

(EP3055457)

Optically variable security threads and stripes

Images



Publication data including kind & date

CN108330740	A	2018-07-27	CN108330740
CN105637147	B	2018-04-10	CN105637147B
RU2634772	C1	2017-11-03	RU2634772
EP3055457	A4	2017-06-28	EP3055457
US20160251806	A1	2016-09-01	US20160251806
EP3055457	A1	2016-08-17	EP3055457

CN105637147	A	2016-06-01	CN105637147
WO2015/051523	A1	2015-04-16	WO201551523
CA2919908	A1	2015-04-16	CA2919908

Abstract

(EP3055457)

An optically variable security thread or stripe (T) is provided which could be incorporated into or onto security documents. The security thread or stripe comprises: a) an optically variable layer (1), b) a color constant layer (2) having a color matching the color impression of the optically variable layer at a viewing angle, c) a holographic metallic layer (3) and d) a substrate (4), wherein the optically variable layer, the color constant layer and the holographic metallic layer are at least partially jointly visible from the side of the security thread or stripe comprising the optically variable layer and/or the color constant layer.

Inventors

RITTER GEBHARD
LI XIANG
DEGOTT PIERRE
YUAN FANG

Latest standardized assignees - inventors removed

CHINA BANKNOTE SICPA SECURITY INK
SICPA

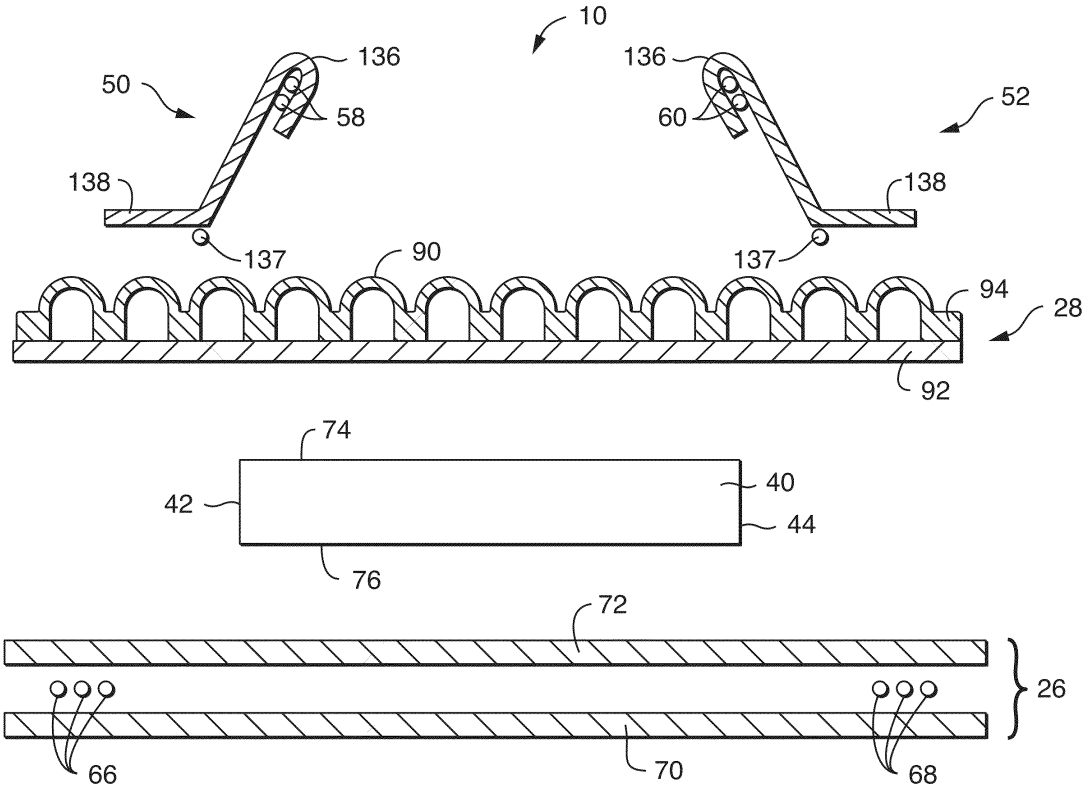
Family 12/100 - FAMPAT - ©Questel

Title

(WO201468488)

Absorbent article

Images



Publication data including kind & date

RU2636553	C2	2017-11-23	RU2636553

AU2013340403	B2	2017-08-17	AU2013340403
MX349641	B	2017-08-04	MX-349641
BR112015009844	A2	2017-07-11	BR112015009844
NZ708479	A	2017-03-31	NZ-708479
RU2015119770	A	2016-12-20	RU2015119770
US9480609	B2	2016-11-01	US9480609
US9445954	B2	2016-09-20	US9445954
CN104994821	A	2015-10-21	CN104994821
MX2015005464	A	2015-07-21	MX2015005464
KR20150081307	A	2015-07-13	KR20150081307
AU2013340403	A1	2015-06-11	AU2013340403
BR112015009844	A1	2015-05-12	BR112015009844
WO2014/068488	A1	2014-05-08	WO201468488
US20140121621	A1	2014-05-01	US20140121621

Abstract

(WO2014/068488)

An absorbent article having improved handling of body exudates. The absorbent article can minimize the amount of body exudates in contact with a wearer's skin and can minimize the incidence of leakage of body exudates from the absorbent article.

Inventors

KIRBY SCOTT S C
BIGGS DAVID GLEN
HAMMOND ANDREW THOMAS
JOHNSON ERIC DONALD
POPP ROBERT LEE
SCHLINZ DANIEL ROBERT
WILLIAMS KENDELL JEAN
FINN NIALL
BUTLER ANDY R

Latest standardized assignees - inventors removed

CSIRO - COMMONWEALTH SCIENTIFIC & INDUSTRIAL RESEARCH ORGANISATION
KIMBERLY CLARK
TEXTOR TECHNOLOGIES NO 2
KIMBERLY CLARK WORLDWIDE

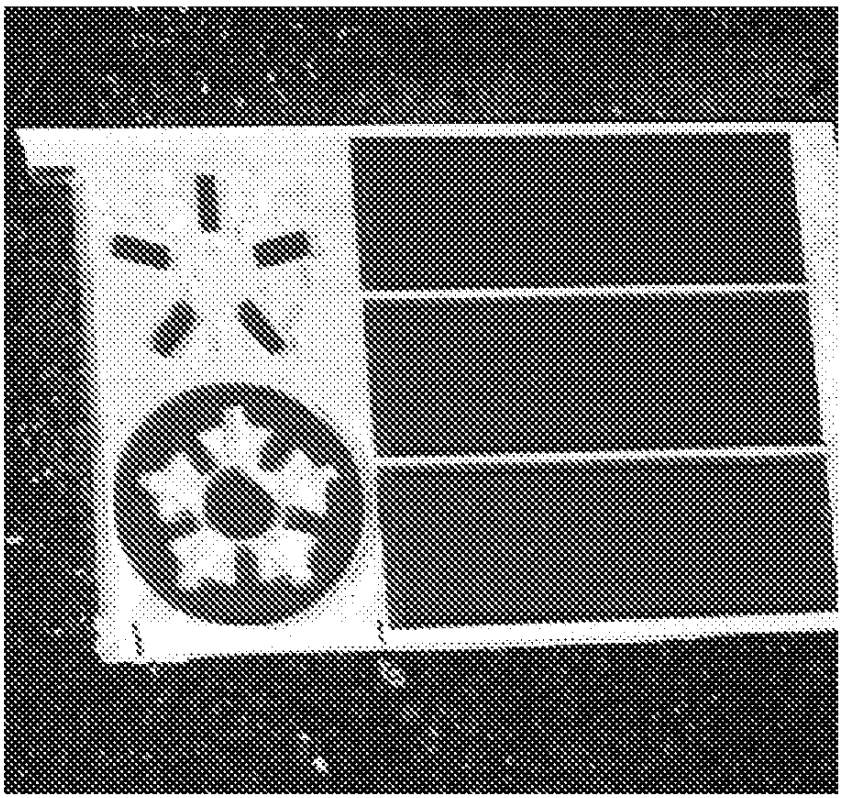
Family 13/100 - FAMPAT - ©Questel

Title

(EP3057777)

Methods and systems for printing 3d object by inkjet

Images



1 .FIG

Publication data including kind & date

EP3057776	A4	2017-08-30	EP3057776
BR112016008376	A2	2017-08-01	BR112016008376
EP3058037	A4	2017-07-12	EP3058037
EP3057777	A4	2017-06-14	EP3057777
CN106457673	A	2017-02-22	CN106457673
CN106414033	A	2017-02-15	CN106414033
JP2017504468	A	2017-02-09	JP2017504468
JP2017503868	A	2017-02-02	JP2017503868
JP2017500222	A	2017-01-05	JP2017500222
IN201617015942	A	2016-08-31	IN201617015942
US20160243619	A1	2016-08-25	US20160243619
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EP3057777	A1	2016-08-24	EP3057777
EP3058037	A1	2016-08-24	EP3058037
US20160236372	A1	2016-08-18	US20160236372
US20160229128	A1	2016-08-11	US20160229128
CN105849208	A	2016-08-10	CN105849208
KR20160091323	A	2016-08-02	KR20160091323

IL245142	A	2016-06-30	IL-245142
IL245143	A	2016-06-30	IL-245143
IL245144	A	2016-06-30	IL-245144
BR112016008376	A1	2016-05-03	BR112016008376
WO2015/056230	A1	2015-04-23	WO201556230
WO2015/056231	A1	2015-04-23	WO201556231
WO2015/056232	A1	2015-04-23	WO201556232
CA2927249	A1	2015-04-23	CA2927249

Abstract

(EP3057777)

3D (three-dimensional) ink-jet printing includes techniques for evaporating a carrier liquid during printing while at least a portion of dispersant remains in the printed layer; evaporating dispersant in a first layer prior to sintering the first layer and/or prior to printing a second layer; leveling an upper-layer of a printed object using a horizontal roller; and printing layers of an object, each layer with both object and support portions, resulting in an object with support, in particular, support for negative angles and molds.

Inventors

GOTHAIT HANAN
KRITCHMAN ELI
BENICHOU AXEL
SHMAL TIMOFEY
EYTAN GUY
SALALHA WAEL
DAYAGI YOHAI
KODINETS OLEG
LAVID LIOR

Latest standardized assignees - inventors removed

XJET

Family 14/100 - FAMPAT - ©Questel

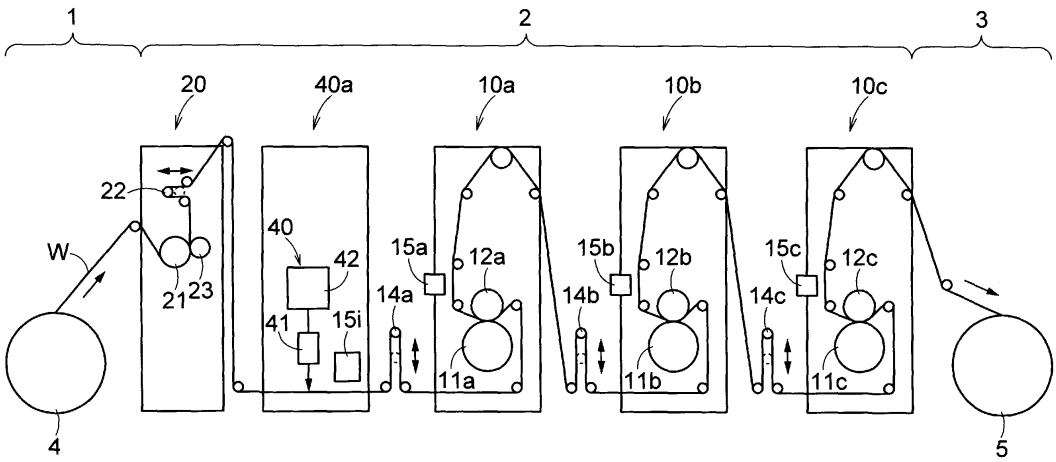
Title

(WO2015190271)

Printing machine and method for manufacturing printed matter

Images

[図1]



Publication data including kind & date

JP2016013681	A	2016-01-28	JP2016013681
WO2015/190271	A1	2015-12-17	WO2015190271

Abstract

(WO2015/190271)

[Problem] To provide a printing method with which it is possible to efficiently align the printing positions of ink-jet printing and rotary printing with high accuracy. [Solution] The printing method is provided with the steps of: printing, to an object (W) on which to print, a reference register mark (7) for the object (W) on which to print by an ink-jet printing device (40); gravure-printing to the object (W) on which to print by plate cylinders (11a, 11b, 11c) of a plurality of gravure printing units (10a, 10b, 10c), and imparting register marks (8a, 8b, 8c) to the object (W) on which to print; and detecting each of the reference register mark (7) on the object (W) on which to print and the register marks (8a, 8b, 8c) on the object (W) on which to print that were sent from the gravure printing units, by register mark detection sensors (15a, 15b, 15c) of the gravure printing units (10a, 10b, 10c). The magnitude of difference in the positions of the reference register mark (7) and register marks (8a, 8b, 8c) on the object (W) on which to print that were detected by the register mark detection sensors (15a, 15b, 15c) is calculated by a register control device (30), and the position of the object (W) on which to print is adjusted on the basis of the calculated magnitude of difference.

Inventors

WATANABE KOICHIRO

HAMADA HITOSHI

Latest standardized assignees - inventors removed

DAI NIPPON PRINTING

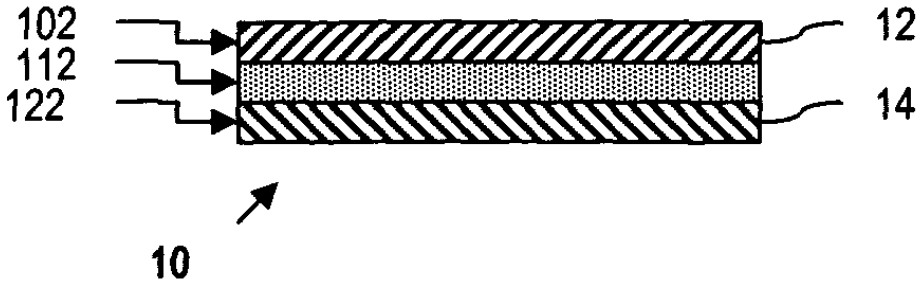
Family 15/100 - FAMPAT - ©Questel

Title

(EP1892093)

Webs with synergists that promote or preserve the desirable color of meat

Images



Publication data including kind & date

BRPI0509555	A2	2018-12-26	BRPI0509555
EP1905584	A3	2015-07-29	EP1905584
US8802204	B2	2014-08-12	US8802204
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US20130266755	A1	2013-10-10	US20130266755
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NO333255	B1	2013-04-22	NO-333255
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CN1938153	B	2013-04-17	CN1938153B
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KR101215841	B1	2012-12-31	KR101215841
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EP1905584	A2	2008-04-02	EP1905584



EP1892093	A2	2008-02-27	EP1892093
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JP2007531672	A	2007-11-08	JP2007531672
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BRPI0509555	A1	2007-04-10	BR200509555
CN1938153	A	2007-03-28	CN1938153
KR20070019998	A	2007-02-16	KR20070019998
EP1737651	A1	2007-01-03	EP1737651
IL178178	A	2006-12-31	IL-178178
NO20064991	L	2006-10-31	NO20064991
WO2005/097486	A1	2005-10-20	WO200597486
AU2005231831	A1	2005-10-20	AU2005231831
CA2559011	A1	2005-10-20	CA2559011

Abstract

(EP1892093)

Food packaging articles, food packaging webs, and food packaging methods comprising a myoglobin blooming agent and synergist that promote or preserve the desirable appearance of food products are provided. The food contact layer of the packaging webs may comprise a myoglobin blooming agent and a synergist.

Inventors

SIEGEL DAN G

NELSON KEVIN PHILIP

MICHAUD RYAN ARTHUR

Latest standardized assignees - inventors removed

CURWOOD

Family 16/100 - FAMPAT - ©Questel

Title

(EP2739559)

Cartridge for use by a beverage making machine

Images

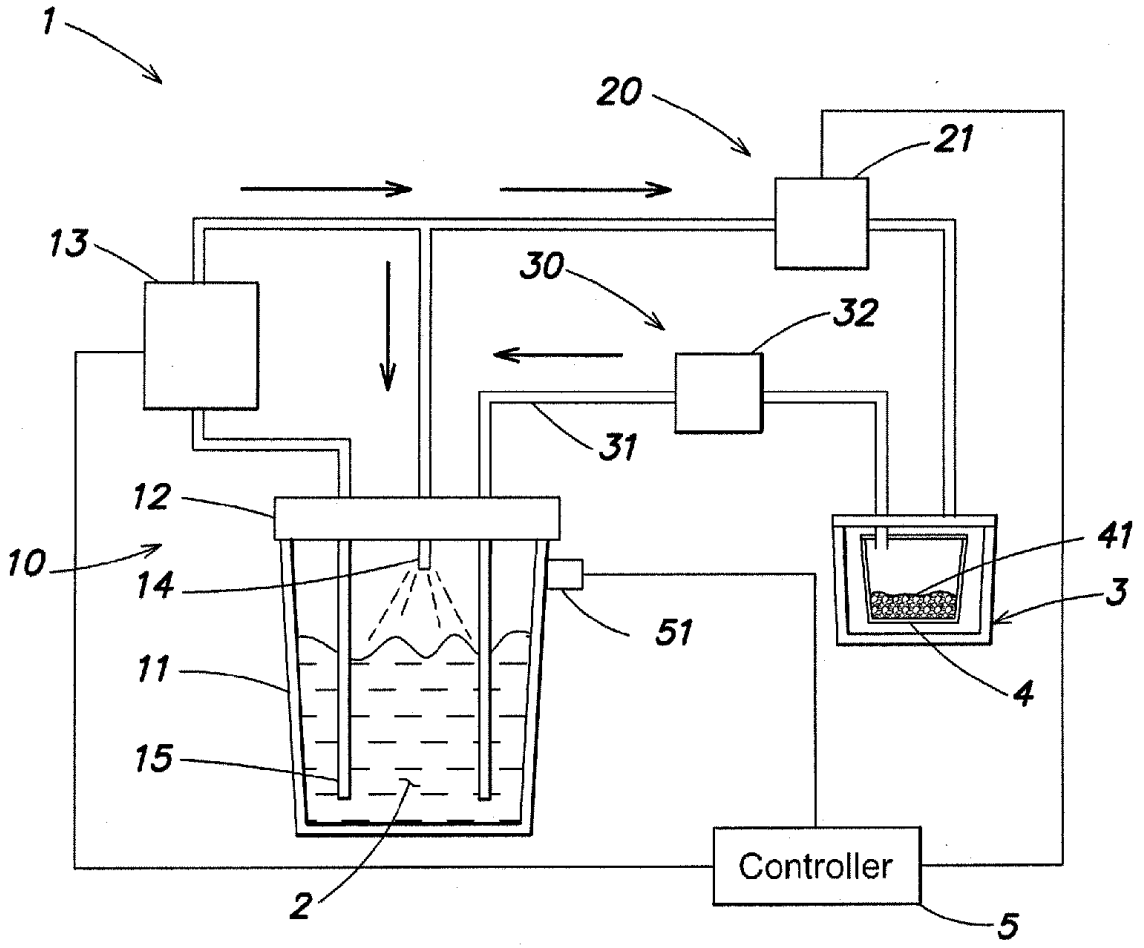

1
20
21
13
30
32
31
12
10
14
41
3
51
11
4
15
Controller
2
5

FIG. 1

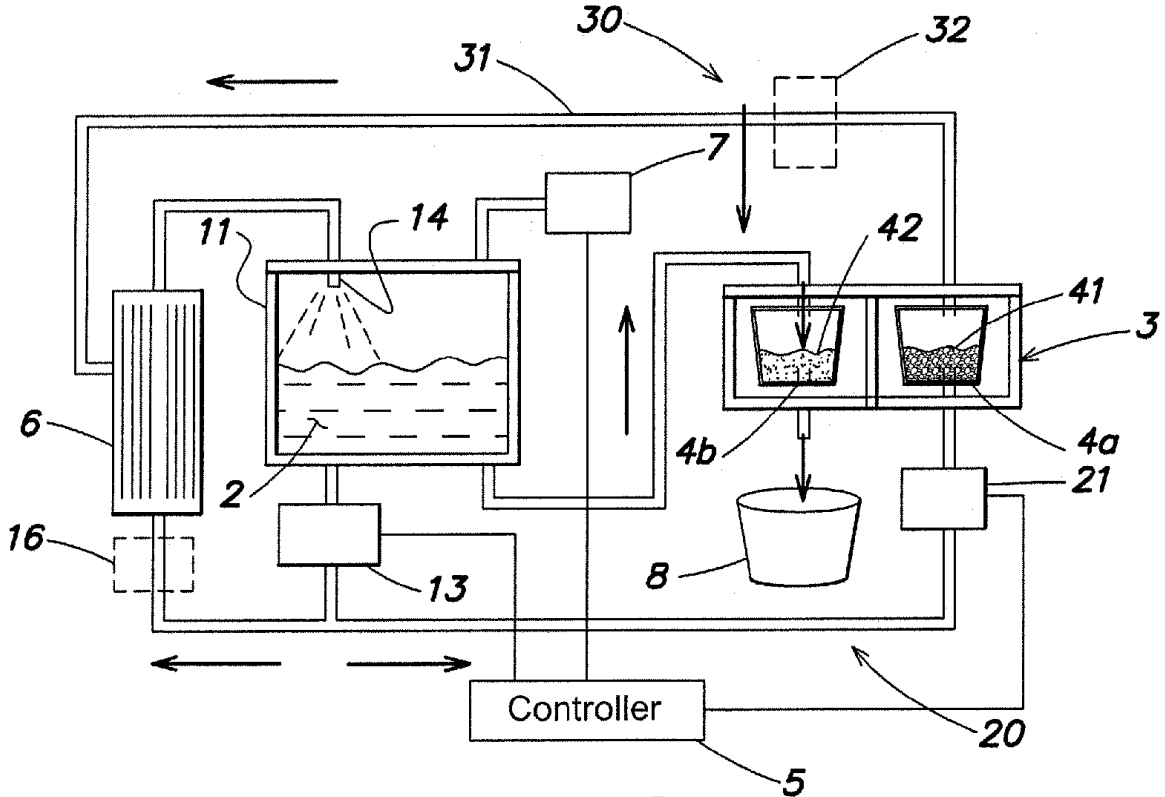

30
32
31
7
11
14
42
41
3
6
4b
4a
2
21
16
13
8
Controller
20
5

FIG. 2

Publication data including kind & date

VN0021378	B	2019-07-25	VN--21378B
RU2016137526	A	2018-12-13	RU2016137526
AU2018220086	A1	2018-09-13	AU2018220086
IL230739	B	2018-08-30	IL-230739
CA2843889	C	2018-07-03	CA2843889
AU2017204100	B2	2018-05-24	AU2017204100
TWI610628	B	2018-01-11	TWI610628
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JP6129834	B2	2017-05-17	JP6129834
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TH158829	A	2016-12-26	TH-158829
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VN41652	A	2015-04-27	VN--41652
HK1198155	A1	2015-03-13	HK1198155
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MX2014001332	A	2014-05-30	MX2014001332
BR112014002592	A1	2014-05-20	BR112014002592
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IL230739	A	2014-03-31	IL-230739
AU2012290003	A1	2014-02-27	AU2012290003
TW201320910	A	2013-06-01	TW201320910
WO2013/019963	A3	2013-05-10	WO201319963
WO2013/019963	A2	2013-02-07	WO201319963
CA3007252	A1	2013-02-07	CA3007252
CA2843889	A1	2013-02-07	CA2843889

Abstract

(EP2739559)

Systems, methods and cartridges for carbonating or otherwise dissolving gas in a precursor liquid, such as water, to form a beverage. A gas source (41) can be provided in a cartridge (4) which is used to generate gas that is dissolved into the precursor liquid. A beverage medium (42), such as a powdered drink mix or liquid syrup, may be provided in the same, or a separate cartridge as the gas source (4) and mixed with the precursor liquid to form a beverage. The use of one or more cartridges for the gas source (4) and/or beverage medium (42) may make for an easy to use and mess-free system for making sparkling beverages, e.g., in the consumer's home.

Inventors

NOVAK THOMAS J

PACKARD ROSS
PETERSON PETER
GULLA SHAWN
HUOT CARLSON JENNIFER CAITLIN
SCHMITT CAMILLA
HEWITT JIM
ANGOTTI MARC
CARROLL RAY
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MOTTRAM NIAL ALLAN
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ROLLINGS NICHOLAS DAVID
KILBY CHARLES FRAZER
RICHARDSON CHRISTOPHER PAUL
JACKSON THOMAS BATES
GRUBB SCOTT
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CAMPBELL NEIL LESTER
STACEY GARY
COVEY CHRIS
DOBSON BARRY
WILKINS PAUL
ROACH CHRIS
CAUWOOD PETER
THOMPSON KEITH

Latest standardized assignees - inventors removed

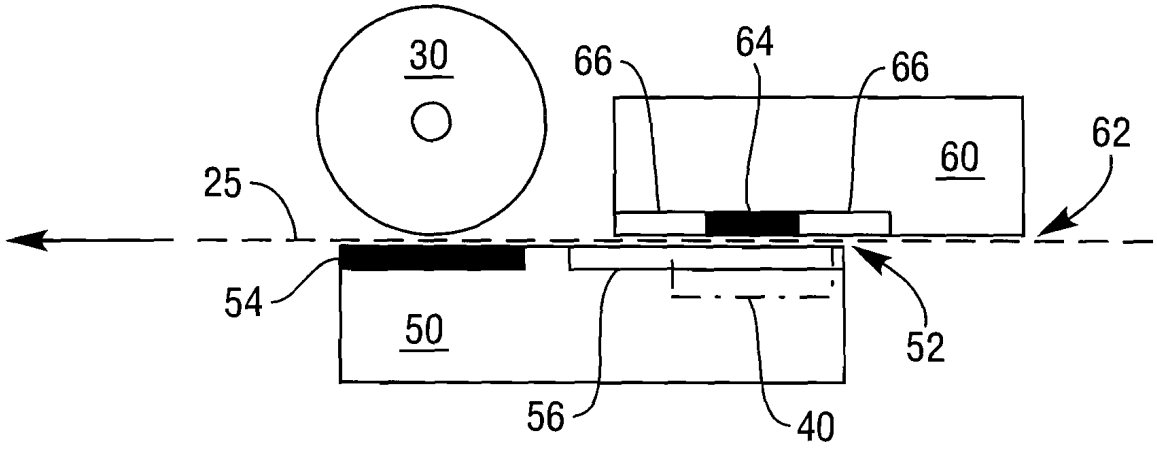
KEURIG GREEN MOUNTAIN

Family 17/100 - FAMPAT - ©Questel

Title

(EP1993846)
Multisided thermal media combinations

Images



Publication data including kind & date

EP1993841	B1	2018-10-17	EP1993841
EP2111340	B1	2017-02-22	EP2111340
US9024986	B2	2015-05-05	US9024986
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EP2121338	B1	2010-10-27	EP2121338
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WO2008/079153	A1	2008-07-03	WO200879153
WO2008/079176	A1	2008-07-03	WO200879176
WO2008/048274	A1	2008-04-24	WO200848274
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US20070213214	A1	2007-09-13	US20070213214

Abstract

(EP1993846)

Various multisided thermal media image elements, and methods of manufacture thereof, are presented. In one embodiment, a first media substrate is at least partially coated with thermally sensitive ink on one or more of its sides. A second media substrate is coated with the thermally sensitive ink on at least one of its sides. The second media substrate is at least partially integrated with the first media substrate to form a multisided thermal media image element, wherein at least a portion of the second media substrate is capable of being removed for independent use. The multisided first and second media substrates are adapted to be imaged via a thermal printer individually and together upon integration into the image element.

Inventors

ROTH JOSEPH D

HALBROOK WENDELL B

BLANK PAUL C

Latest standardized assignees - inventors removed

NCR

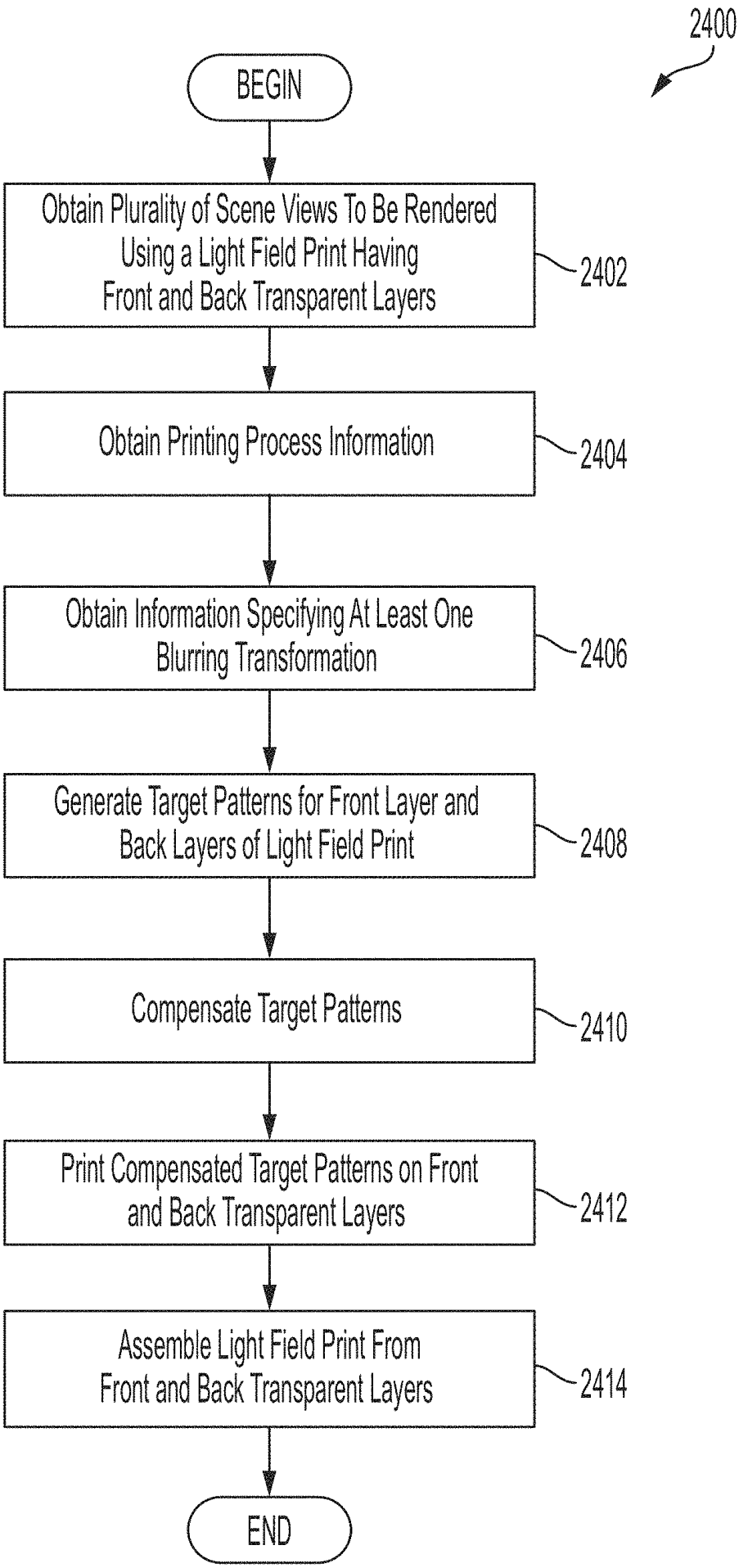
Family 18/100 - FAMPAT - ©Questel

Title

(WO201932896)

Manufacturing light field prints

Images


2400
BEGIN
Obtain Plurality of Scene Views To Be Rendered Using a Light Field Print Having Front and Back Transparent Layers
2402
Obtain Printing Process Information
2404
Obtain Information Specifying At Least One Blurring Transformation
2406
Generate Target Patterns for Front Layer and Back Layers of Light Field Print
2408
Compensate Target Patterns
2410
Print Compensated Target Patterns on Front and Back Transparent Layers
2412
Assemble Light Field Print From Front and Back Transparent Layers
2414
END

Publication data including kind & date

US20190054734	A1	2019-02-21	US20190054734
WO2019/032896	A1	2019-02-14	WO201932896

Abstract

(WO2019/032896)

Techniques for manufacturing a light field print using a printing press. The techniques include: identifying at least one characteristic of the printing press at least in part by printing at least one calibration pattern; obtaining content to be rendered using the light field print, the content comprising multiple scene views; generating, based at least in part on the content and the at least one characteristic of the printing press, a front target pattern and a back target pattern; and using the printing press to: print the front target pattern on a first side of a substrate; and print the back target pattern on a second side of the substrate.

Inventors

BARAN THOMAS

HIRSCH MATTHEW

Latest standardized assignees - inventors removed

LUMII

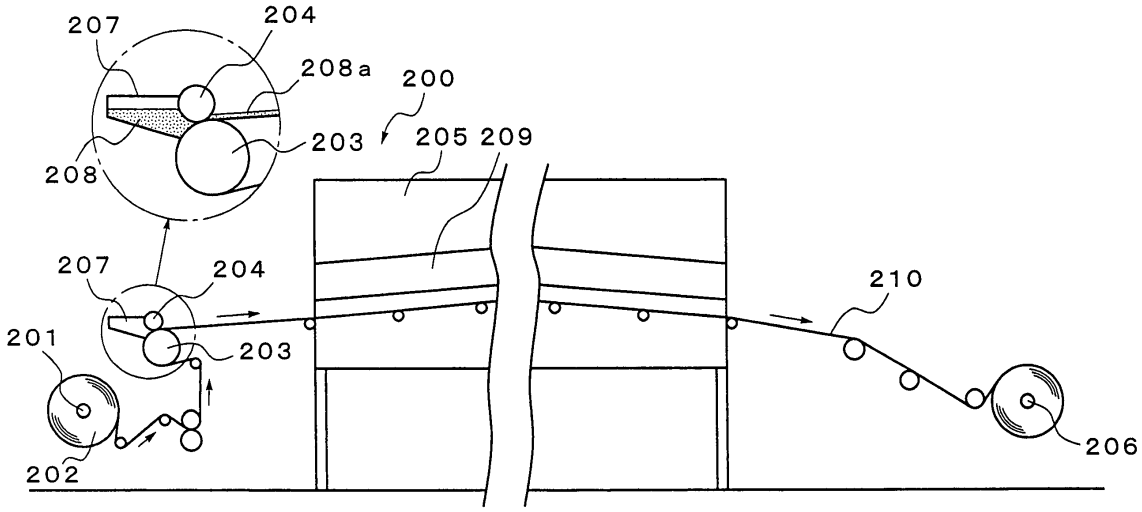
Family 19/100 - FAMPAT - ©Questel

Title

(EP1568346)

Process for producing edible orally administered agent of laminate film form and compression bonding apparatus

Images



Publication data including kind & date

EP1568346	B1	2016-06-22	EP1568346
JP5053341	B2	2012-08-03	JP5053341
KR101132895	B1	2012-04-03	KR101132895
US8071123	B2	2011-12-06	US8071123
JP4604472	B2	2010-10-15	JP4604472
HK1087005	A1	2010-08-20	HK1087005
CN100586415	C	2010-02-03	CN100586415C
JP4443903	B2	2010-01-22	JP4443903
JP2009275055	A	2009-11-26	JP2009275055
EP1568346	A4	2009-04-15	EP1568346
US20060062830	A1	2006-03-23	US20060062830

CN1744872	A	2006-03-08	CN1744872
EP1568346	A1	2005-08-31	EP1568346
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JP2005080838	A	2005-03-31	JP2005080838
JP2004196784	A	2004-07-15	JP2004196784
AU2003302589	A1	2004-06-23	AU2003302589
WO2004/050008	A1	2004-06-17	WO200450008
CA2504814	A1	2004-06-17	CA2504814

Abstract

(EP1568346)

Two resin films each provided with an orally administrable edible agent layer are joined so that administrable agent layers face each other, drawn into a nip between a pair of press rolls, pressurized at back surfaces to bond the administrable agent layers together, and conveyed in a direction substantially conforming to a tangential direction at a pressurization zone of the press rolls. A delamination roll disposed in the conveying direction is used to draw only one of the two resin films sandwiching the bonded plural administrable agent layers in a direction different from the conveying direction, while continuously conveying the other resin film retaining the plural administrable agent layers in the conveying direction. This allows only one of the joined two resin films to be delaminated. The obtained pressure bonded product, that is, an orally administrable edible agent of laminate film form can be punched out into predetermined shapes.

Inventors

HAYASHI YASUO
YANO KAZUYA
AWAMURA TSUTOMU
SUDEJI KAZUYOSHI

Latest standardized assignees - inventors removed

KYUKYU YAKUHIN KOGYO

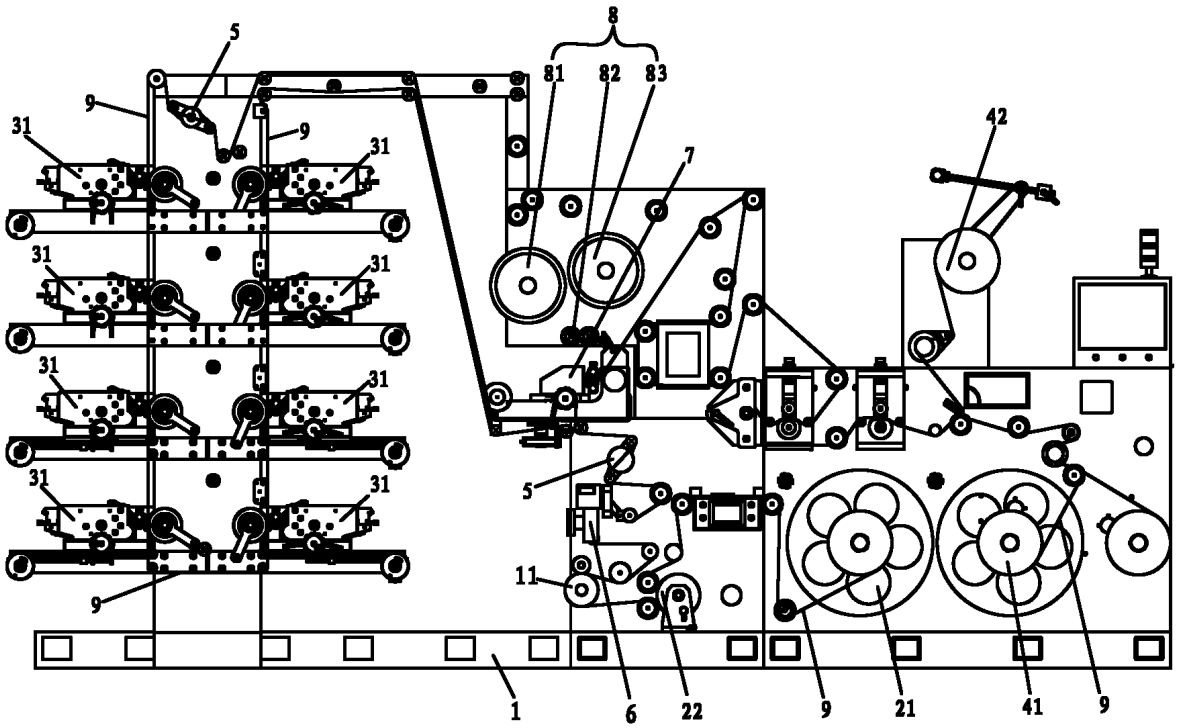
Family 20/100 - FAMPAT - ©Questel

Title

(CN102092171)

Laminated rotary printing machine

Images



Publication data including kind & date

CN102092171 A 2011-06-15 CN102092171

Abstract

(CN102092171)

The invention relates to a laminated rotary printing machine, which comprises a frame, wherein the frame is sequentially equipped with a feeding device, a conveying roller set, a printing device, a material receiving device and a control device, wherein the printing device comprises at least two rows of printing single units, each row of the printing single units consist of at least two printing single units which are arranged vertically in a laminated way, each printing single unit comprises a printing plate cylinder, a printing roller and an ink supply roller set; the printing plate cylinder is connected with printing servomotors, the printing roller and the ink supply roller set are respectively connected with the servomotors by a driving device, and the printing servomotors are electrically connected with the control device. As the printing single units are arranged in the laminated way, the laminated rotary printing machine has small occupied space, and realizes single-face and double-face printing according to different material transmitting modes, and has the advantages of stability of registration, low printing waste rate and high printing quality as the printing plate cylinder is directly driven by the servomotors; and the servomotors can control the clockwise and anticlockwise rotations, therefore, the full rotary printing, intermittent rotary printing and other printing requirements of the laminated rotary printing machine can be achieved, and the application range is wide.

Inventors

CHENG GANG

Latest standardized assignees - inventors removed

DONGGUAN ZHONGQI MACHINERY

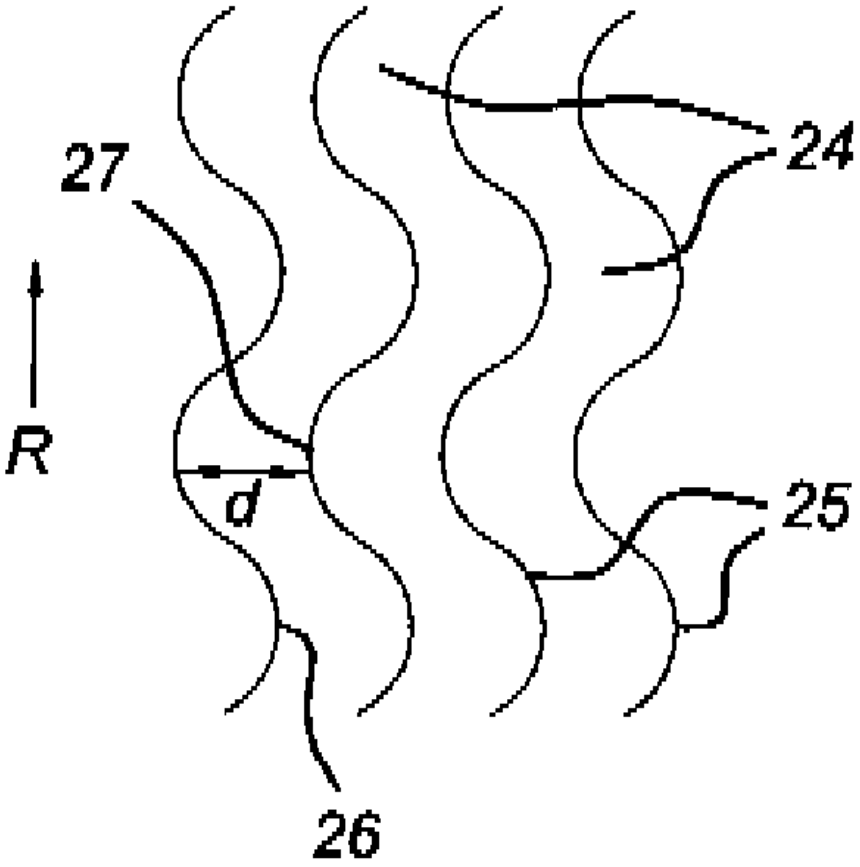
Family 21/100 - FAMPAT - ©Questel

Title

(EP2275260)

A method for printing a substrate using an anilox roll, an anilox roll for a printing method and a printing apparatus

Images



Publication data including kind & date

PL2284007	T5	2019-02-28	PL2284007
IN201828000584	A	2019-01-11	IN201828000584
ES2548885	T5	2018-12-13	ES2548885
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HUE026283	T2	2016-06-28	HUE026283
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TW200932533	A	2009-08-01	TW200932533
WO2009/082225	A2	2009-07-02	WO200982225
CA2744011	A1	2009-07-02	CA2744011
NL2001113	C2	2009-06-23	NL2001113

Abstract

(EP2275260)

The invention relates to an anilox roll (5) for a printing apparatus. The anilox roll (5) comprises a cylinder having a surface (100). The surface comprises a fluid distribution structure for receiving, distributing and transferring a fluid such as an ink. The fluid distribution structure comprises a channel formed in the surface having channel walls. This channel is arranged for distributing the fluid over the fluid distribution structure. The channel comprises channel parts, wherein the courses of connected channel parts are at an angle with respect to each other for preventing a linear distribution of the fluids to be received in a course direction of the channel, allowing a meandering distribution of the fluid to be received in the channel. Side walls of the channel are arranged for allowing a meandering flow of the fluid throughout the fluid distribution surface.

Inventors

HENDRIKS MARTINUS ADRIANUS

Latest standardized assignees - inventors removed

APEX EUROPE

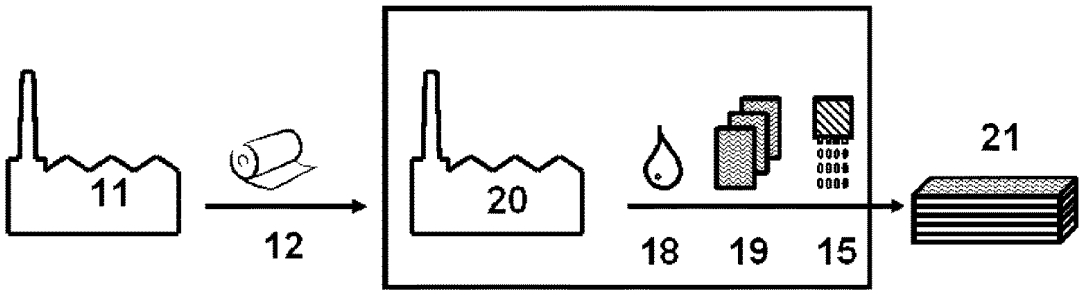
Family 22/100 - FAMPAT - ©Questel

Title

(EP2905376)

Manufacturing of Decorative Laminates by Inkjet

Images



Publication data including kind & date

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ES2701499	T3	2019-02-22	ES2701499
RU2675142	C2	2018-12-17	RU2675142
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CA2935663	A1	2015-08-13	CA2935663
EP2905376	A1	2015-08-12	EP2905376

Abstract

(EP2905376)

A method for manufacturing decorative laminates including the steps of: a) impregnating a paper substrate with a thermosetting resin by submersion of the paper substrate in a bath of thermosetting resin; b) applying on the thermosetting resin impregnated paper substrate an ink acceptance layer containing an inorganic pigment P and a polymeric binder B having a weight ratio P/B of inorganic pigment to polymeric binder of larger than 1.5; c) jetting on the ink acceptance layer a colour pattern with one or more aqueous pigmented inkjet inks and/or organic solvent based pigmented inkjet inks containing a colour pigment C; and d) heat pressing the thermosetting paper into a decorative laminate, wherein the weight ratio P/C of the inorganic pigment of the ink acceptance layer to the jetted colour pigment in the colour pattern is larger than 4.0.

Inventors

LOCCUFIER JOHAN

CLEMENT BENJAMIN

DE MONDT ROEL

Latest standardized assignees - inventors removed

AGFA

UNILIN

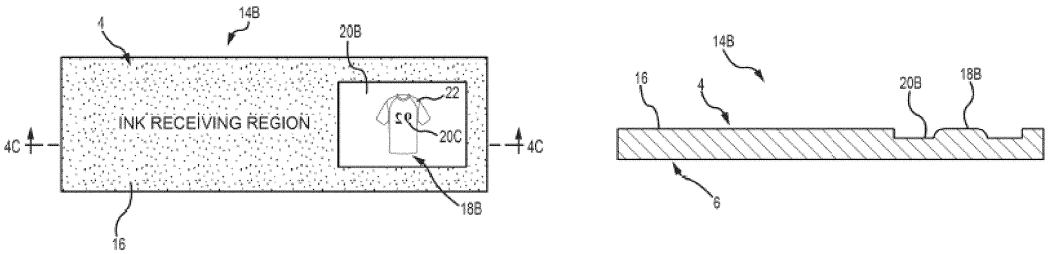
Family 23/100 - FAMPAT - ©Questel

Title

(EP3007901)

Printing process using soft photopolymer plates

Images



Publication data including kind & date

US20190224959	A1	2019-07-25	US20190224959
RU2683767	C1	2019-04-01	RU2683767
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MX351946	B	2017-11-03	MX-351946
RU2633246	C2	2017-10-11	RU2633246
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RU2015156266	A	2017-07-14	RU2015156266
JP2017105201	A	2017-06-15	JP2017105201
EP3007901	A4	2017-05-10	EP3007901
US20170096001	A1	2017-04-06	US20170096001
JP6093484	B2	2017-02-17	JP6093484
US9555616	B2	2017-01-31	US9555616
US20160347048	A1	2016-12-01	US20160347048
WO2016/168488	A1	2016-10-20	WO2016168488
CA2981189	A1	2016-10-20	CA2981189
CL2015003604	A1	2016-09-30	CL3604201500
JP2016523741	A	2016-08-12	JP2016523741
US9409433	B2	2016-08-09	US9409433

EP3007901	A1	2016-04-20	EP3007901
MX2015016969	A	2016-04-18	MX2015016969
VN46434	A	2016-03-25	VN--46434
CN105377566	A	2016-03-02	CN105377566
AU2014278307	A1	2016-02-04	AU2014278307
BR112015030925	A1	2015-12-22	BR112015030925
US20150217559	A1	2015-08-06	US20150217559
WO2014/201005	A1	2014-12-18	WO2014201005
CA2914050	A1	2014-12-18	CA2914050
US20140360394	A1	2014-12-11	US20140360394

Abstract

(EP3007901)

The present invention relates to using soft photopolymer plates in a printing process, and more specifically, to an apparatus and methods of using soft photopolymer materials to decorate an exterior surface of cylindrical metallic containers with high definition graphics and other indicia.

Inventors

CARRERAS CHRIS

Latest standardized assignees - inventors removed

BALL

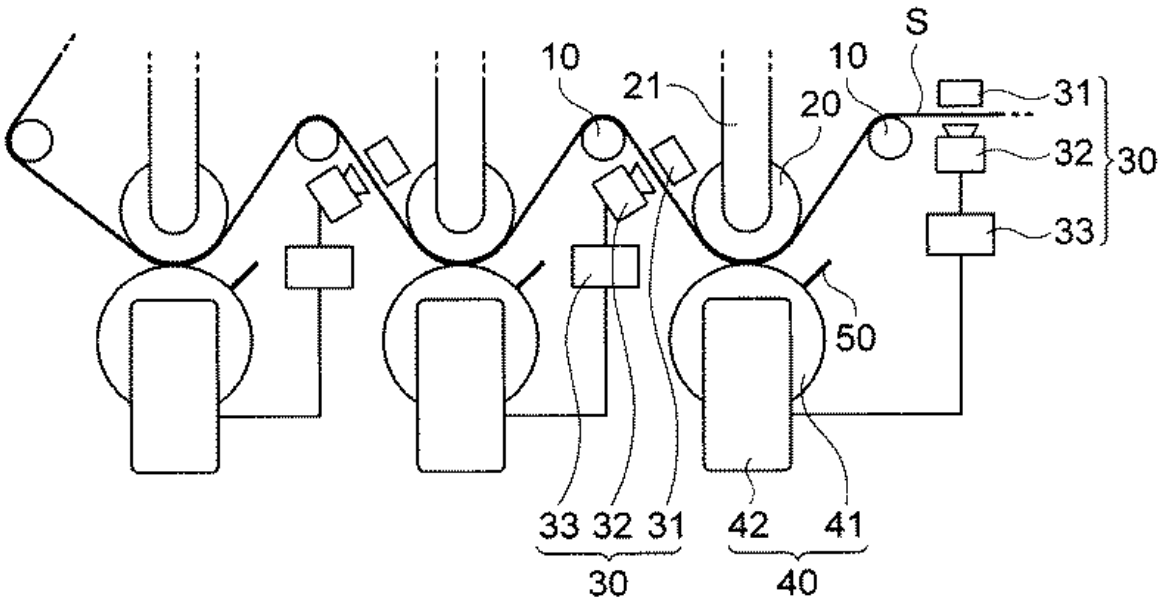
Family 24/100 - FAMPAT - ©Questel

Title

(JP2013111973)

Gravure printing apparatus

Images



Publication data including kind & date

CN103129103	B	2015-01-07	CN103129103B
KR101332091	B1	2013-11-22	KR101332091
JP2013111973	A	2013-06-10	JP2013111973
KR20130060753	A	2013-06-10	KR20130060753
CN103129103	A	2013-06-05	CN103129103

Abstract

(JP2013111973)

PROBLEM TO BE SOLVED: To prevent a printing poor section from being formed constantly, and to enable the reliability

of a printing accuracy to be improved more.

SOLUTION: The gravure printing apparatus includes a plurality of supporting rollers which support a printing sheet moved at a high speed, an impression cylinder roller which is formed between the supporting rollers and pressurizes the printing sheet to a lower part, a defect detecting means which detects defects of the printing sheet before moved to the impression cylinder roller, and a gravure part which is disposed opposite to the impression cylinder roller via the printing sheet and moves in response to a signal transmitted from the defect detecting means to print an electrode pattern excluding a defective portion to the printing sheet. The productivity is improved. The invention also has the effect of reducing production costs. Moreover, it has the effects of reducing equipment manufacturing costs and maintenance costs.

COPYRIGHT: (C)2013,JPO&INPIT

Inventors

CHANG HUN KEUN

Latest standardized assignees - inventors removed

SAMSUNG ELECTRO MECHANICS

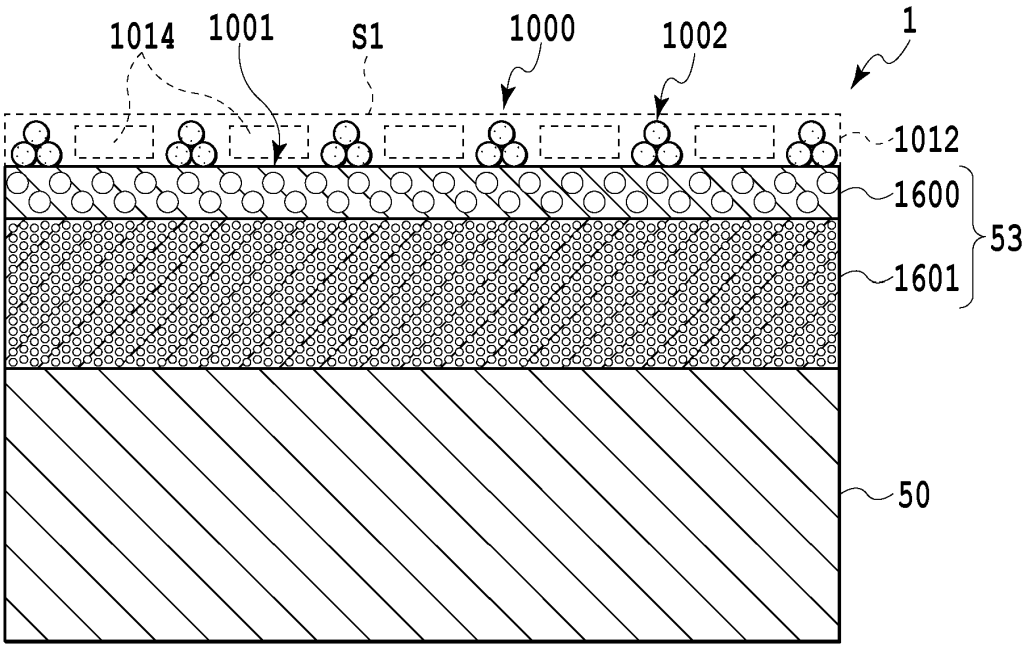
Family 25/100 - FAMPAT - ©Questel

Title

(US10300727)

Print medium, printed material, and manufacturing method for printed material

Images



Publication data including kind & date

US10300727	B2	2019-05-28	US10300727
JP6518296	B2	2019-05-22	JP6518296
JP2018043520	A	2018-03-22	JP2018043520
US20180065394	A1	2018-03-08	US20180065394

Abstract

(US20180065394)

The print medium includes an ink receiving layer that is formed on a substrate and to which a pigment ink containing a pigment and a solvent is applied. The ink receiving layer includes a pigment permeation layer through which the solvent and the pigment are enabled to infiltrate, and a solvent absorption layer through which the pigment is inhibited from infiltrating and the solvent is enabled to infiltrate, and the pigment permeation layer and the solvent absorption layer are

laminated in this order from the substrate side. The resin layer includes pieces of thermoplastic resin discretely provided on a front surface of the pigment permeation layer so as to leave an exposed portion from which the front surface of the pigment permeation layer is exposed.

Inventors

TSUTSUI TAKAHIRO
HIRABAYASHI HIROMITSU
SUMIKAWA YUSUKE

Latest standardized assignees - inventors removed

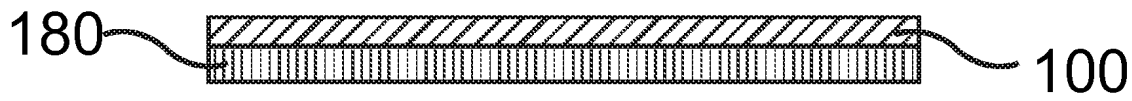
CANON FINETECH NISCA

Family 26/100 - FAMPAT - ©Questel

Title

(EP2566598)
Polymer microfilters and methods of manufacturing the same

Images



Publication data including kind & date

BR112012028293	A8	2019-02-19	BR112012028293
EP2589494	B1	2018-09-26	EP2589494
BR112012028293	A8	2018-04-10	BR112012028293
EP2589494	A4	2016-12-14	EP2589494
BR112012028293	A8	2016-11-16	BR112012028293
CN103189122	B	2016-11-16	CN103189122B
BR112012028293	A2	2016-11-01	BR112012028293
JP5837574	B2	2015-11-13	JP5837574
AU2011248929	B2	2015-11-05	AU2011248929
CN102917879	B	2015-06-17	CN102917879B
JP5713587	B2	2015-03-20	JP5713587
KR101484834	B1	2015-01-20	KR101484834
EP2566598	A4	2014-09-03	EP2566598
BR112012028293	A1	2013-12-31	BR112012028293
JP2013537469	A	2013-10-03	JP2013537469
US20130184134	A1	2013-07-18	US20130184134
CN103189122	A	2013-07-03	CN103189122
EP2589494	A1	2013-05-08	EP2589494
EP2566598	A1	2013-03-13	EP2566598
KR20130025402	A	2013-03-11	KR20130025402
US20130059308	A1	2013-03-07	US20130059308
CN102917879	A	2013-02-06	CN102917879
AU2011248929	A1	2013-01-10	AU2011248929
JP2012011600	A	2012-01-19	JP2012011600
WO2012/002414	A1	2012-01-05	WO201202414
WO2011/139445	A1	2011-11-10	WO2011139445
CA2798246	A1	2011-11-10	CA2798246

Abstract

(EP2566598)

A microfilter comprising a polymer layer formed from epoxy-based photo-definable dry film, and a plurality of apertures each extending through the polymer layer. A method of forming a microfilter is also disclosed. The method includes providing a first layer of epoxy-based photo-definable dry film disposed on a substrate, exposing the first layer to energy through a mask to form a pattern, defined by the mask, in the first layer of dry film, forming, from the exposed first layer of dry film, a polymer layer having a plurality of apertures extending therethrough, the plurality of apertures having a distribution defined by the pattern, and removing the polymer layer from the substrate.

Inventors

MAKAROVA OLGA V

TANG CHA-MEI

AMSTUTZ PLATTE T

Latest standardized assignees - inventors removed

FUTEC

MITSUBISHI HEAVY INDUSTRIES MACHINERY SYSTEMS

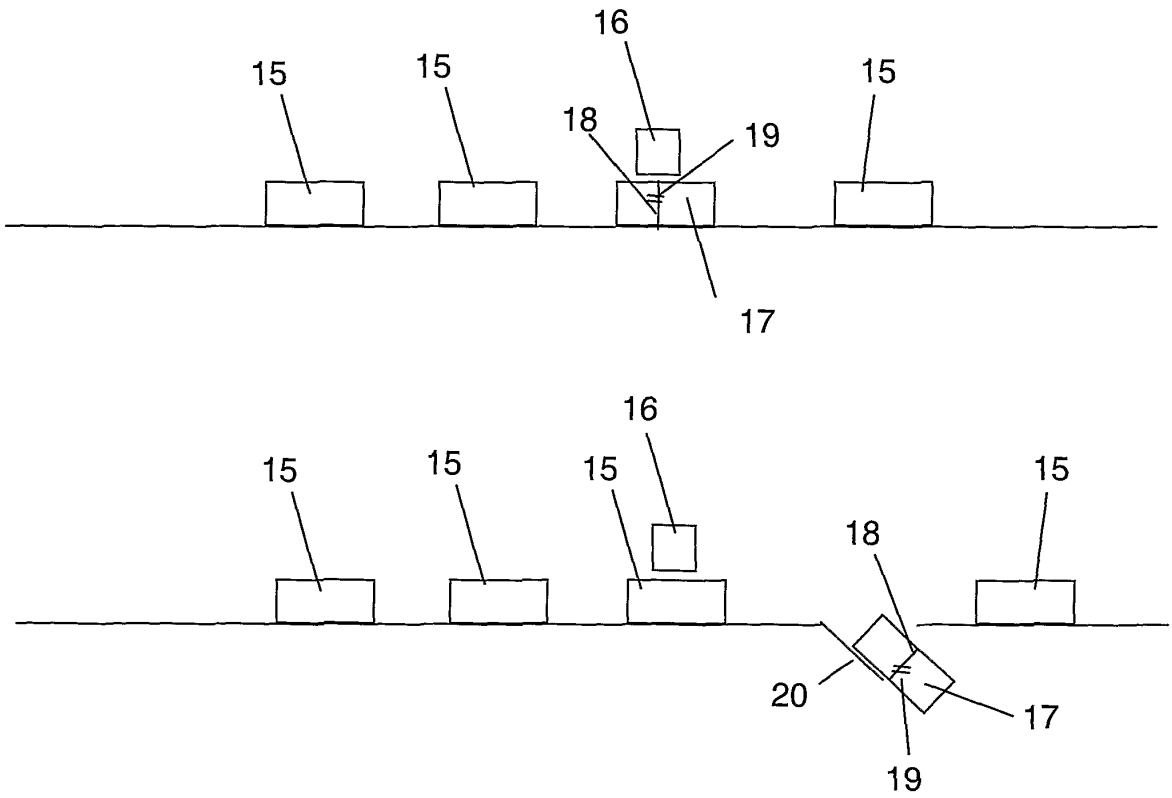
Family 27/100 - FAMPAT - ©Questel

Title

(EP1858775)

Apparatus and method for producing a packaging laminate with magnetically marked faults

Images



Publication data including kind & date

ES2393738	T3	2012-12-27	ES2393738
EP1858775	B1	2012-11-07	EP1858775
EP1858775	A4	2010-12-08	EP1858775
BRPI0608119	A2	2010-11-09	BR200608119
US7765773	B2	2010-08-03	US7765773
RU2394733	C2	2010-07-20	RU2394733

RU2007136283	A	2009-04-10	RU2007136283
US20090000250	A1	2009-01-01	US20090000250
SE531047	C2	2008-12-02	SE-531047
JP2008536764	A	2008-09-11	JP2008536764
TWI294349	B	2008-03-11	TWI294349
CN101115661	A	2008-01-30	CN101115661
IN3827/CHENP/2007	A	2007-12-21	IN2007CN03827
EP1858775	A1	2007-11-28	EP1858775
MX2007010760	A	2007-09-12	MX2007010760
AR053150	A1	2007-04-25	AR--53150
TW200639049	A	2006-11-16	TW200639049
WO2006/093447	A1	2006-09-08	WO200693447
SE0500471	L	2006-09-03	SE200500471

Abstract

(EP1858775)

A system and a method for production of a packaging laminate (10), and a packaging device and a method for production of a package (15;17). The packaging laminate comprises a layer (6) containing magnetisable particles (19). Faults, such as single spot defects and splices, are marked on the packaging laminate (10) by the application of a magnetic field to make a magnetic mark (19) on the packaging laminate. The packaging device is arranged to sense the presence of the magnetic mark (19) related to a package (15;17) made from the packaging laminate (10).

Inventors

NILSSON TOMMY
SVENSSON HAAKAN
JOHANSSON HANS
BERGHOLTZ LARS
INGVERT CLAES

Latest standardized assignees - inventors removed

TETRA LAVAL HOLDINGS & FINANCE

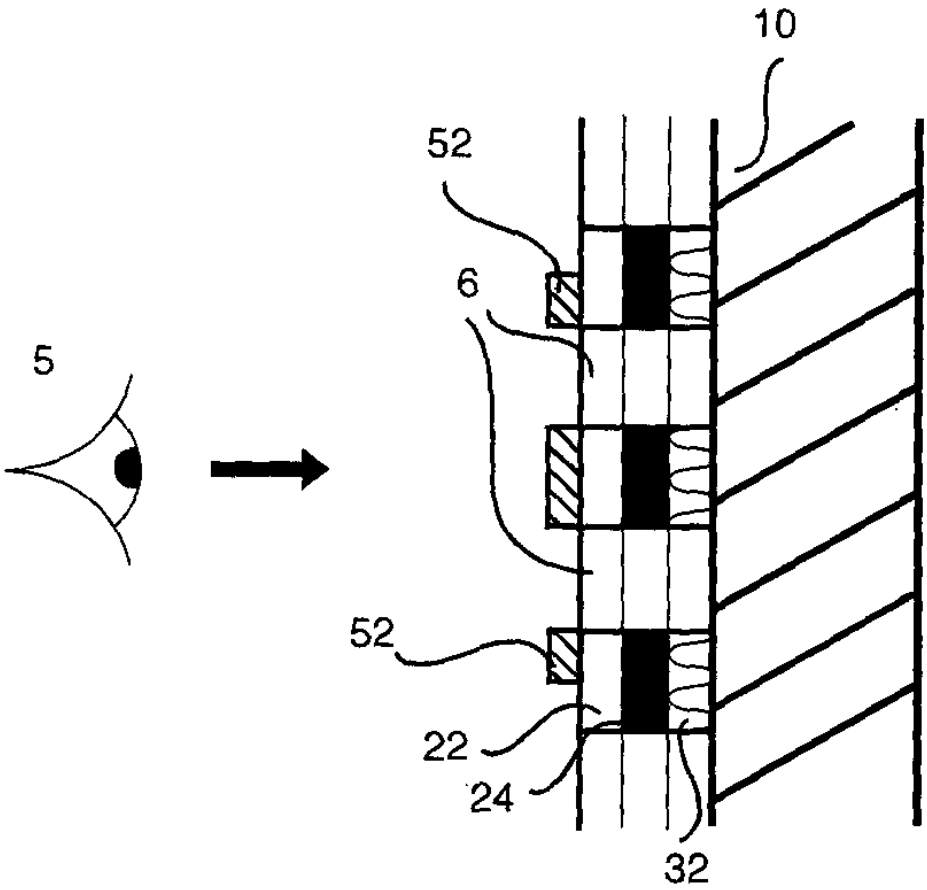
Family 28/100 - FAMPAT - ©Questel

Title

(EP2729312)

Open perforated material and method of imaging to form a vision control panel

Images



Publication data including kind & date

EP3275688	A1	2018-01-31	EP3275688
AU2017204272	A1	2017-07-20	AU2017204272
BR112014000367	A2	2017-07-11	BR112014000367
AU2016200645	B9	2017-04-13	AU2016200645
AU2016200645	B2	2017-03-23	AU2016200645
CN103826867	B	2017-03-22	CN103826867B
US9469081	B2	2016-10-18	US9469081
AU2016200645	A1	2016-03-03	AU2016200645
RU2014104355	A	2015-08-20	RU2014104355
IN862CHN2014	A	2015-04-03	IN2014CN00862
JP2014529364	A	2014-11-06	JP2014529364
CN103826867	A	2014-05-28	CN103826867
US20140141197	A1	2014-05-22	US20140141197
EP2729312	A2	2014-05-14	EP2729312
BR112014000367	A1	2014-05-13	BR112014000367
AU2012282211	A1	2014-02-27	AU2012282211
WO2013/008077	A3	2013-03-28	WO201308077
WO2013/008077	A2	2013-01-17	WO201308077
CA2841877	A1	2013-01-17	CA2841877
CA2991344	A1	2013-01-17	CA2991344

Abstract

(EP2729312)

An open perforated assembly typically includes a film layer (26) on one side of the open perforated assembly, and an adhesive layer (32) and a release liner (42) on the other side. The layers and liner are perforated with a plurality of holes (6). The assembly is devoid of any imperforate layer. The perforated liner has a first color visible from the other side. Upon removal of the perforated release liner the appearance of the assembly from the other side is similar to the appearance before removal of the perforated liner. The assembly may be imaged by digital inkjet printing using a digital inkjet machine. Its printheads are spaced from one side of the open perforated assembly and an ink receiving surface (62) is located on the other side such that ink that is jetted from the printheads and passes through the holes in the open perforated assembly is deposited on the ink receiving surface.

Inventors

HILL GEORGE ROLAND

GODDEN MARK DAVID

Latest standardized assignees - inventors removed

CONTRA VISION

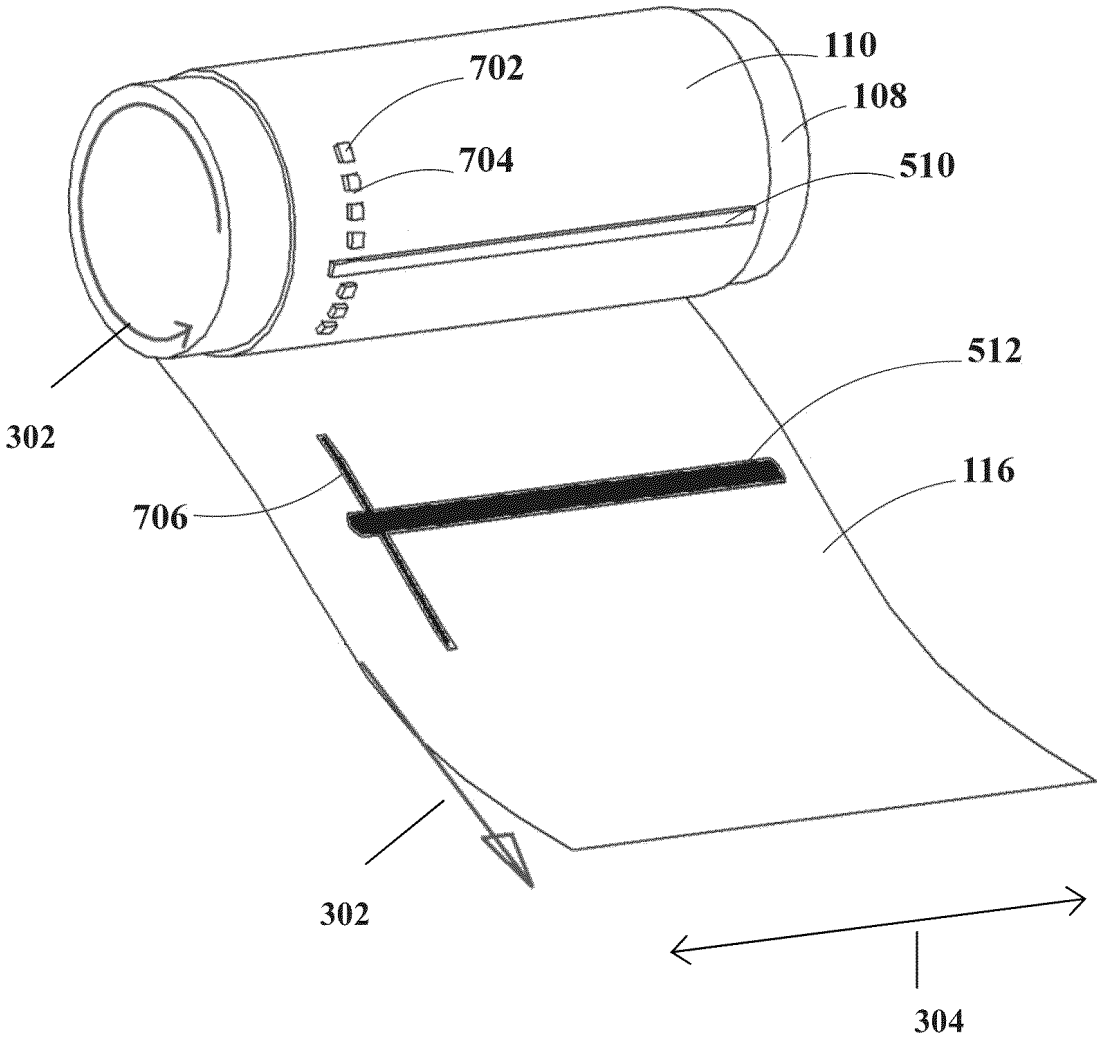
Family 29/100 - FAMPAT - ©Questel

Title

(WO2013188379)

Methods of manufacture and use of customized flexomaster patterns for flexographic printing

Images



Publication data including kind & date

US9764542 B2 2017-09-19 US9764542

TWI586552	B	2017-06-11	TWI586552
KR101705419	B1	2017-02-09	KR101705419
CN104321851	B	2016-10-12	CN104321851B
US20160288481	A1	2016-10-06	US20160288481
JP6013599	B2	2016-09-30	JP6013599
US9446578	B2	2016-09-20	US9446578
JP2015523249	A	2015-08-13	JP2015523249
US20150122138	A1	2015-05-07	US20150122138
CN104321851	A	2015-01-28	CN104321851
KR20150004903	A	2015-01-13	KR20150004903
GB2514739	A	2014-12-03	GB2514739
GB201417523	D0	2014-11-19	GB201417523
TW201410486	A	2014-03-16	TW201410486
WO2013/188379	A1	2013-12-19	WO2013188379

Abstract

(WO2013/188379)

A method of flexographically printing a uniform pattern on a substrate where the ink deposited on the substrate is deposited in the intended location and not in unintended locations. A flexo-master comprises a pattern formed by a plurality of lines including at least one junction, and printing the pattern including the at least one junction in ink on a substrate forming a printed pattern, wherein the printed junction has a different shape than the at least one junction on the flexo-master. In addition to the junction formation, a discontinuous line on the flexo-master may be used to print a continuous line, a single line may be used to print two lines, and two or more lines may be used to print a single line. The flexo-master pattern lines may additionally have a fill pattern comprising various geometries that are used to uniformly print the pattern on the substrate.

Inventors

VAN OSTRAND DAN

DERICHS KEVIN

Latest standardized assignees - inventors removed

KODAK

KODAK REALTY

NPEC

QUALEX

FPC

FAR EAST DEVELOPMENT

LASER PACIFIC MEDIA

PFC

KODAK AVIATION LEASING

CREO MANUFACTURING AMERICA

PAKON

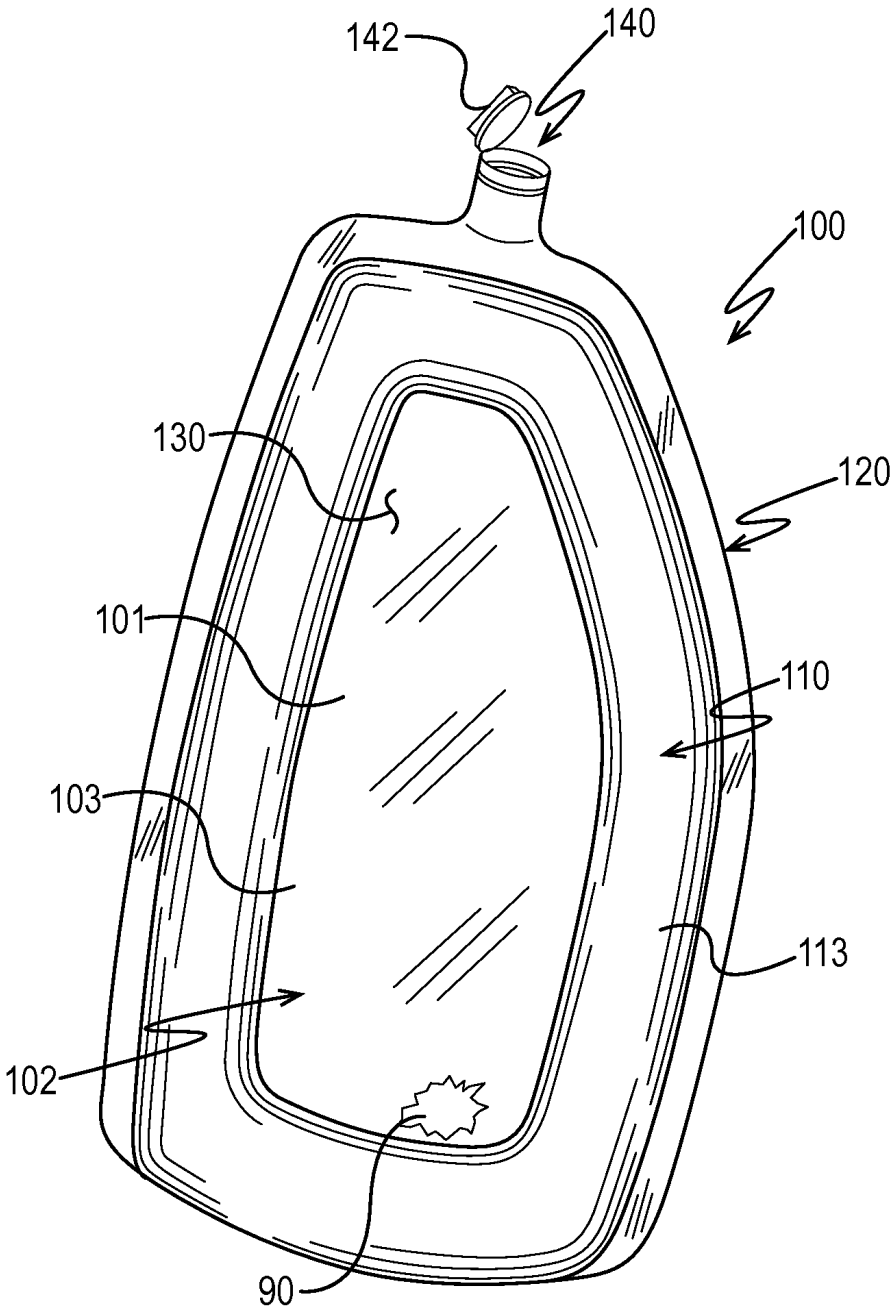
Family 30/100 - FAMPAT - ©Questel

Title

(EP2846995)

Flexible materials for flexible containers

Images



Publication data including kind & date

JP6514102	B2	2019-05-15	JP6514102
JP6470171	B2	2019-02-13	JP6470171
MX362641	B	2019-01-29	MX-362641
MX357634	B	2018-07-17	MX-357634
US10005261	B2	2018-06-26	US10005261
CN104284775	B	2018-04-13	CN104284775B
CN104284846	B	2018-03-30	CN104284846B
EP2847094	B1	2018-01-31	EP2847094
CN104284778	B	2017-12-29	CN104284778B
EP2847089	B1	2017-12-13	EP2847089
EP2847090	B1	2017-12-13	EP2847090

US9815258	B2	2017-11-14	US9815258
CN104284844	B	2017-10-24	CN104284844B
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CN104271463	B	2017-09-12	CN104271463B
EP2847088	B1	2017-08-30	EP2847088
CN104334465	B	2017-08-22	CN104334465B
JP2017141062	A	2017-08-17	JP2017141062
CA2872995	C	2017-08-01	CA2872995
CA2873698	C	2017-08-01	CA2873698
BR112014027851	A2	2017-06-27	BR112014027851
BR112014027852	A2	2017-06-27	BR112014027852
BR112014027878	A2	2017-06-27	BR112014027878
BR112014027921	A2	2017-06-27	BR112014027921
BR112014027925	A2	2017-06-27	BR112014027925
BR112014027979	A2	2017-06-27	BR112014027979
US9682537	B2	2017-06-20	US9682537
KR101742858	B1	2017-06-01	KR101742858
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ZA201407647	B	2016-05-25	ZA201407647
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ZA201407792	B	2016-05-25	ZA201407792
RU2014144068	A	2016-05-20	RU2014144068
IN9329/DELNP/2014	A	2016-04-08	IN2014DN09329
AR097225	A1	2016-03-02	AR--97225
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JP2015522442	A	2015-08-06	JP2015522442
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JP2015520706	A	2015-07-23	JP2015520706

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JP2015519269	A	2015-07-09	JP2015519269
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EP2846998	A1	2015-03-18	EP2846998
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TW201404672	A	2014-02-01	TW201404672
TW201404673	A	2014-02-01	TW201404673
TW201400369	A	2014-01-01	TW201400369
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WO2013/169681	A1	2013-11-14	WO2013169681
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CA2879797	A1	2013-11-14	CA2879797
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CA2873001	A1	2013-11-14	CA2873001
CA2873107	A1	2013-11-14	CA2873107
CA2873698	A1	2013-11-14	CA2873698
US20130292287	A1	2013-11-07	US20130292287
US20130292395	A1	2013-11-07	US20130292395
US20130292413	A1	2013-11-07	US20130292413
US20130292353	A1	2013-11-07	US20130292353
US20130292415	A1	2013-11-07	US20130292415
US20130294711	A1	2013-11-07	US20130294711

Abstract

(EP2846995)

A flexible material for a flexible container can include a first laminate and a second laminate joined to at least a portion of the first laminate by at least one seal. The first laminate can include a first gas barrier layer disposed between first and second sealable layers, wherein the first and second sealable layers define opposed exterior layers of the first laminate. The second laminate can include a third sealable layer defining an exterior layer of the second laminate, and a second gas barrier layer. The at least one seal joins a portion of the third sealable layer to at least a portion of the second sealable layer.

Inventors

STANLEY SCOTT KENDYL

YOU JUN

BOSWELL EMILY CHARLOTTE

ARENT LEE MATTHEW

Latest standardized assignees - inventors removed

PROCTER & GAMBLE

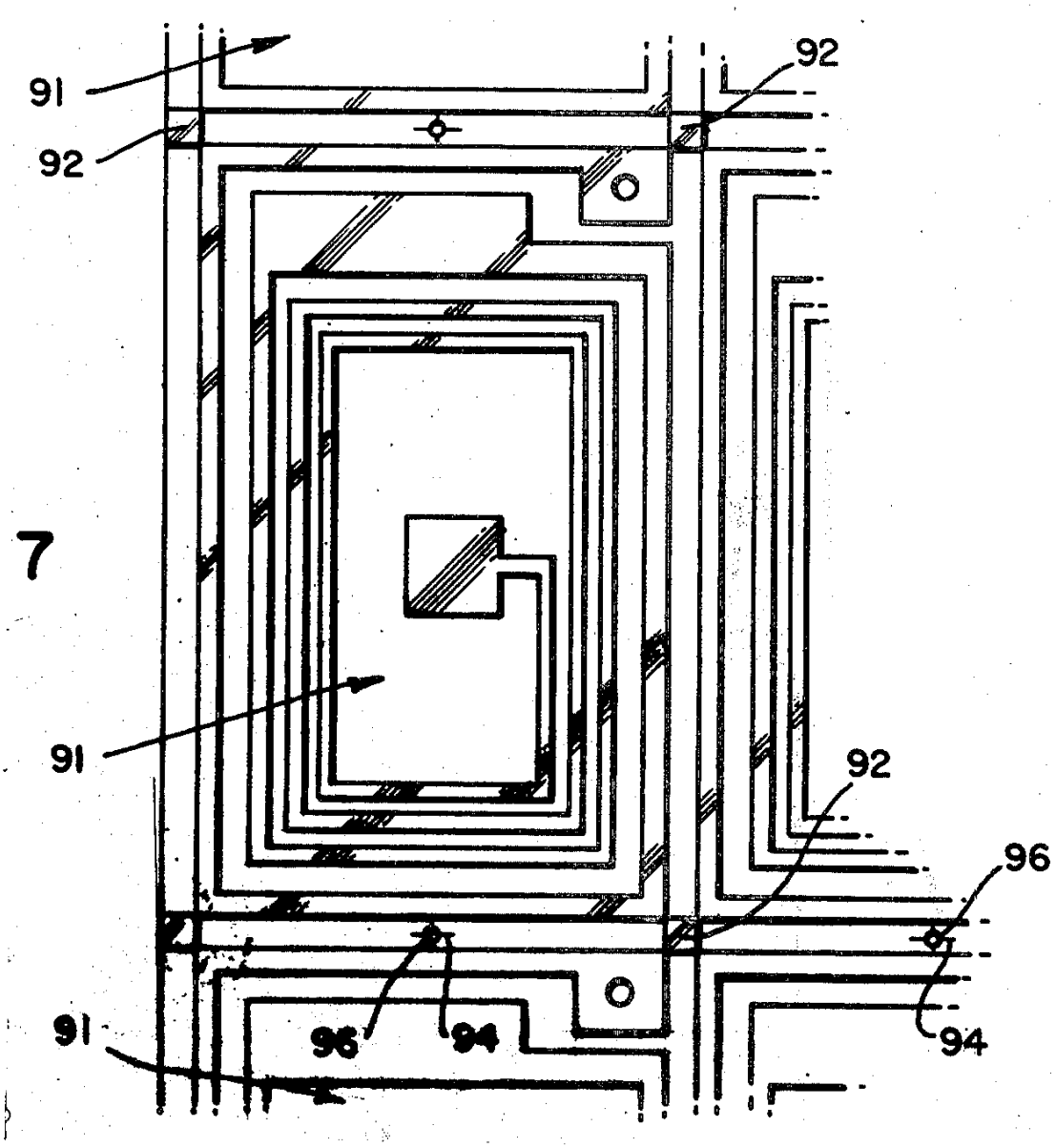
Family 31/100 - FAMPAT - ©Questel

Title

(US3913219)

Planar circuit fabrication process

Images



Publication data including kind & date

DE2523002	C2	1989-02-02	DE2523002
JPS5615594	B2	1981-04-10	JP81015594
IT1032947	B	1979-06-20	IT1032947
FR2272571	B1	1978-10-13	FR2272571
CA1030271	A	1978-04-25	CA1030271
GB1476885	A	1977-06-16	GB1476885
JPS51657	A	1976-01-06	JP51000657
FR2272571	A1	1975-12-19	FR2272571
DE2523002	A1	1975-12-04	DE2523002
US3913219	A	1975-10-21	US3913219

Abstract

(US3913219)

A process for the high volume fabrication of planar electrical circuits having precision electrical characteristics and especially adapted for use in electronic security systems employing resonant circuits. A multiplicity of circuits are formed by high speed printing techniques on opposite surfaces of an insulative web and the individual circuits separated for use.

Inventors

LICHTBLAU GEORGE JAY

Latest standardized assignees - inventors removed

LICHTBLEU ANNE R

ARTHUR D LITTLE

WACHOVIA BANK

Family 32/100 - FAMPAT - ©Questel

Title

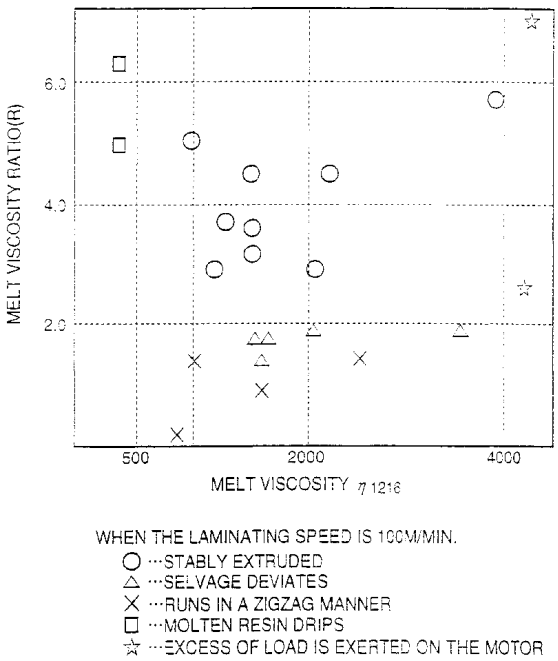
(EP-826493)

Laminate and container made of the same

Images

$$R = \eta_{12.2}/\eta_{1216} \qquad (1)$$

FIG. 1



Publication data including kind & date

EP0826493	B1	2014-07-23	EP-826493
JP3915187	B2	2007-02-16	JP3915187
EP0826493	A3	2002-03-20	EP-826493
KR100219340	B1	1999-09-01	KR100219340
KR19980019050	A	1998-06-05	KR19980019050
JP10119183	A	1998-05-12	JP10119183
EP0826493	A2	1998-03-04	EP-826493

Abstract

(EP0826493)

A laminate obtained by laminating a resin composed chiefly of a polyester on a base material, said resin layer having a melt viscosity ratio (R) defined by the following formula (1), <MATH> wherein eta 12-2 is a melt viscosity at an extrusion temperature of the polyester at a shearing rate of 12.2 sec<-1>, and eta 1216 is a melt viscosity at an extrusion temperature of the polyester at a shearing rate of 1216 sec<-1>, of not smaller than 2.0 at a melt extrusion temperature of the polyester, and having eta 1216 of not smaller than 500 poises, and said resin layer being further quickly quenched after it is melt-extruded.

Inventors

NAKAMAKI KENICHIROU
MARUHASHI YOSHITSUGU
MAIDA NORIMASA
TAKESUE YOSHIKI
SUZUKI KOUJI
SATOH KAZUHIRO
MACHII SACHIKO
MIYAZAWA TETSUO
IMAZU KATSUHIRO

Latest standardized assignees - inventors removed

TOYO SEIKAN KAISHA

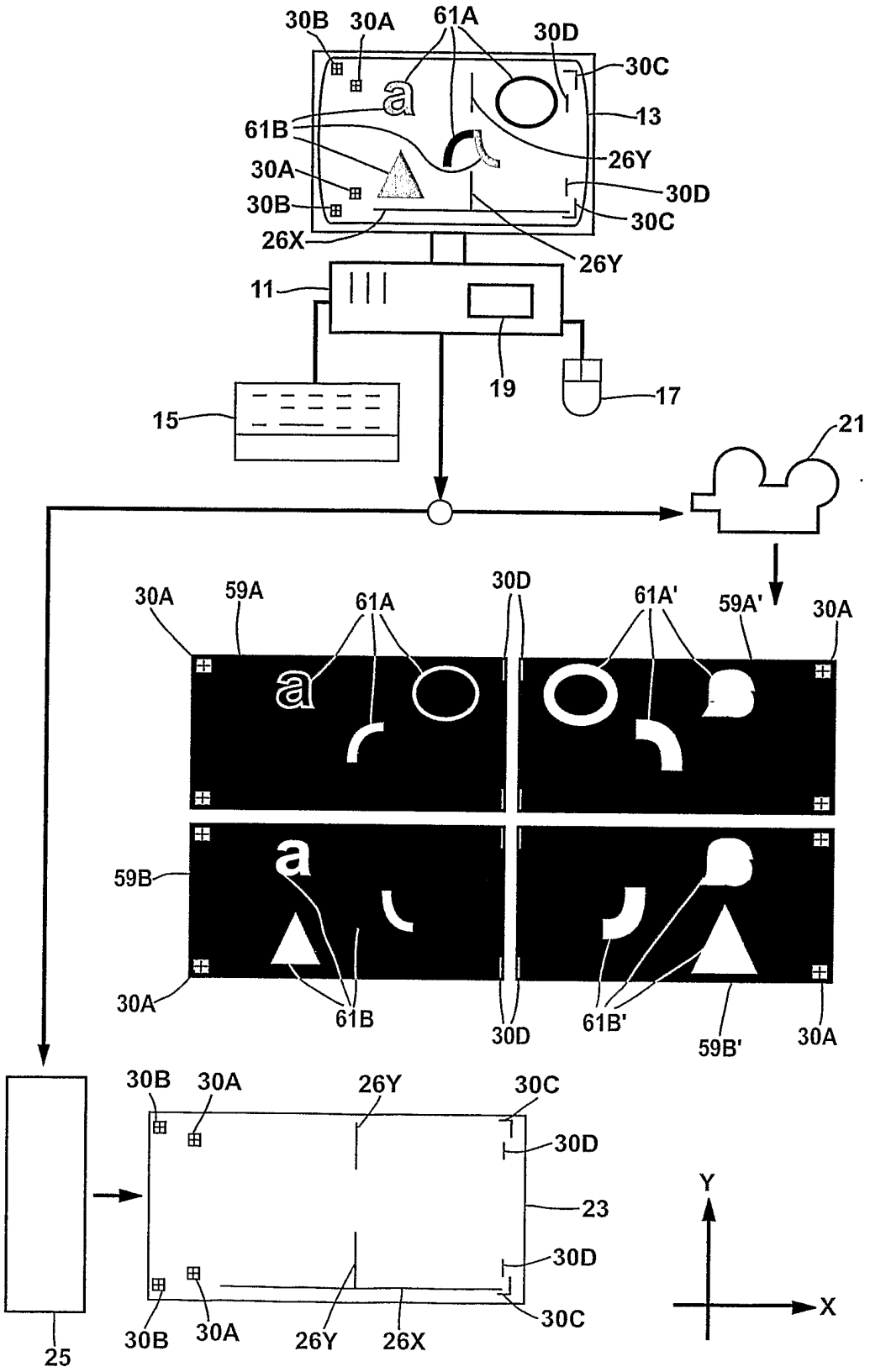
Family 33/100 - FAMPAT - ©Questel

Title

(EP1947511)

Process for the manufacture of printing support for rollers for the printing of laminar materials, machine for implementing the process and the printing support for printing rollers

Images



Publication data including kind & date

US20080250958	A1	2008-10-16	US20080250958
EP1947511	A1	2008-07-23	EP1947511
ES2261094	B1	2007-09-16	ES2261094
AR055722	A1	2007-09-05	AR--55722
WO2007/031842	B1	2007-05-31	WO200731842
WO2007/031842	A1	2007-03-22	WO200731842

ES2261094 A1 2006-11-01 ES2261094

Abstract

(EP1947511)

A process for the manufacture of rollers for the printing of laminar materials, a machine for carrying out the process and a printing support for printing rollers. A printing support is wholly manufactured within an irradiating machine equipped with visible marks located on the lower plate and on the machine. The laminar support supports the plates positioned on a dimensionally stable substrate sheet on which marks are made accurately in the same location relative to the overall image as a reference axis for subsequent positioning on the roller and on which also matching marks are printed or engraved. Some of these marks are repeated on films which restrict the passage of ultraviolet light, one of the films having transparent areas which present elements of one colour of the image which has to be printed while the remaining film represents mounts surrounding such elements.

Inventors

RUGGIERO RICARDO ANGEL

Latest standardized assignees - inventors removed

NASINI ALFREDO CARLOS

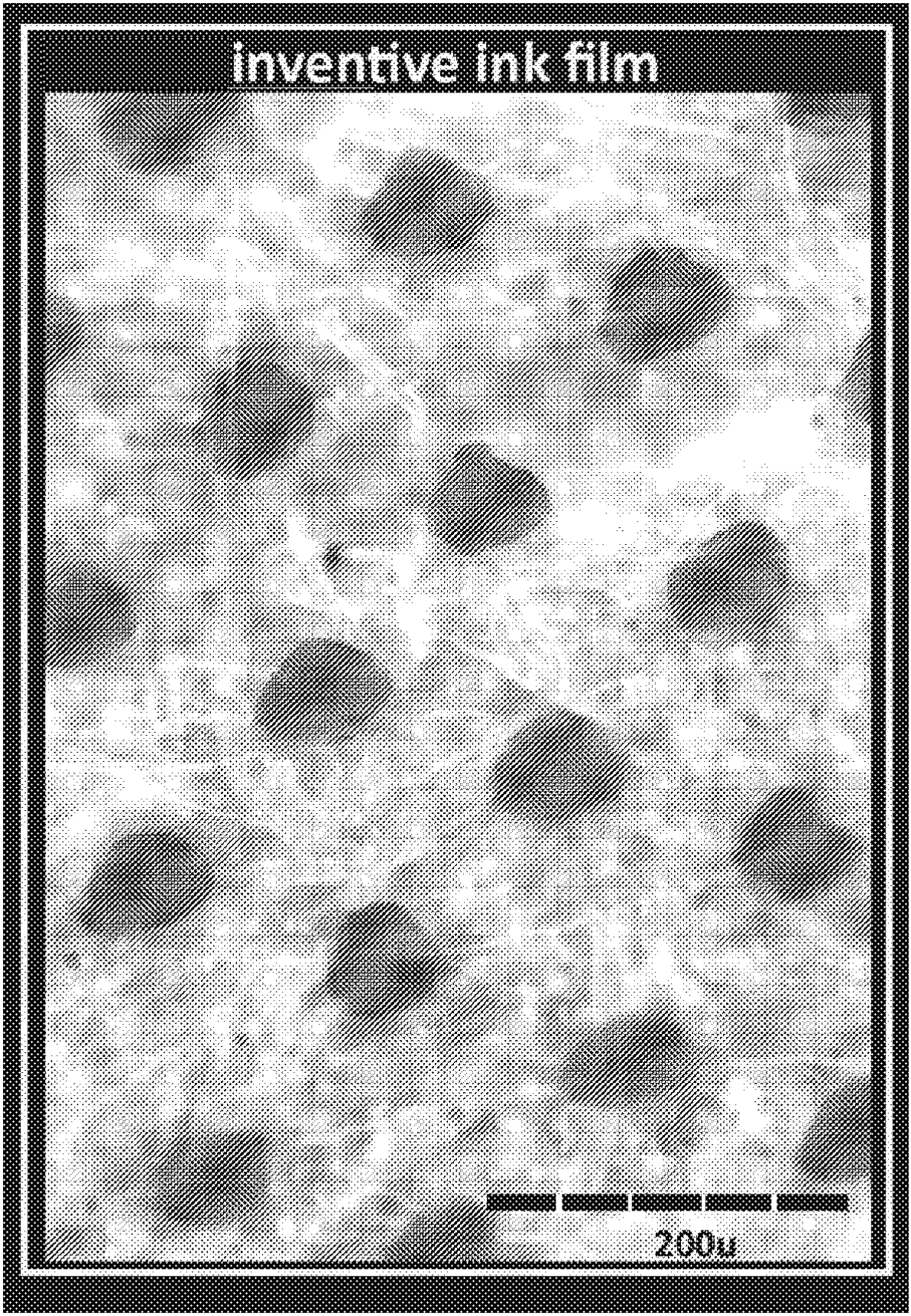
Family 34/100 - FAMPAT - ©Questel

Title

(EP2823003)

Ink film constructions

Images



Publication data including kind & date

US10266711	B2	2019-04-23	US10266711
JP2018126739	A	2018-08-16	JP2018126739
IL234514	B	2018-06-28	IL-234514
BR112014021786	A8	2017-07-18	BR112014021786
BR112014021786	A2	2017-06-20	BR112014021786
AU2013229142	B2	2017-02-02	AU2013229142

CN104271687	B	2016-11-02	CN104271687B
US20160297978	A1	2016-10-13	US20160297978
IN6530/CHENP/2014	A	2016-07-01	IN2014CN06530
US9353273	B2	2016-05-31	US9353273
EP2823003	A4	2015-12-23	EP2823003
HK1204640	A1	2015-11-27	HK1204640
JP2015514605	A	2015-05-21	JP2015514605
US20150044437	A1	2015-02-12	US20150044437
EP2823003	A1	2015-01-14	EP2823003
CN104271687	A	2015-01-07	CN104271687
KR20140143379	A	2014-12-16	KR20140143379
IL234514	A	2014-10-30	IL-234514
BR112014021786	A1	2014-10-21	BR112014021786
MX2014010681	A	2014-10-17	MX2014010681
AU2013229142	A1	2014-09-11	AU2013229142
WO2013/132345	A9	2013-11-07	WO2013132345
WO2013/132345	A1	2013-09-12	WO2013132345
CA2866209	A1	2013-09-12	CA2866209

Abstract

(EP2823003)

An ink film construction comprising: (a) a printing substrate; and (b) at least one ink film, fixedly adhered to a top surface of the printing substrate, the ink film having an upper film surface distal to the top surface of the substrate, wherein a surface concentration of nitrogen at the upper film surface exceeds a bulk concentration of nitrogen within the film, the bulk concentration measured at a depth of at least 30 nanometers below the upper film surface, and wherein a ratio of the surface concentration to the bulk concentration is at least 1.1 to 1.

Inventors

LANDA BENZION

ABRAMOVICH SAGI

GOLODETZ GALIA

NAKHMANOVICH GREGORY

Latest standardized assignees - inventors removed

LANDA CORPORTION

LANDA

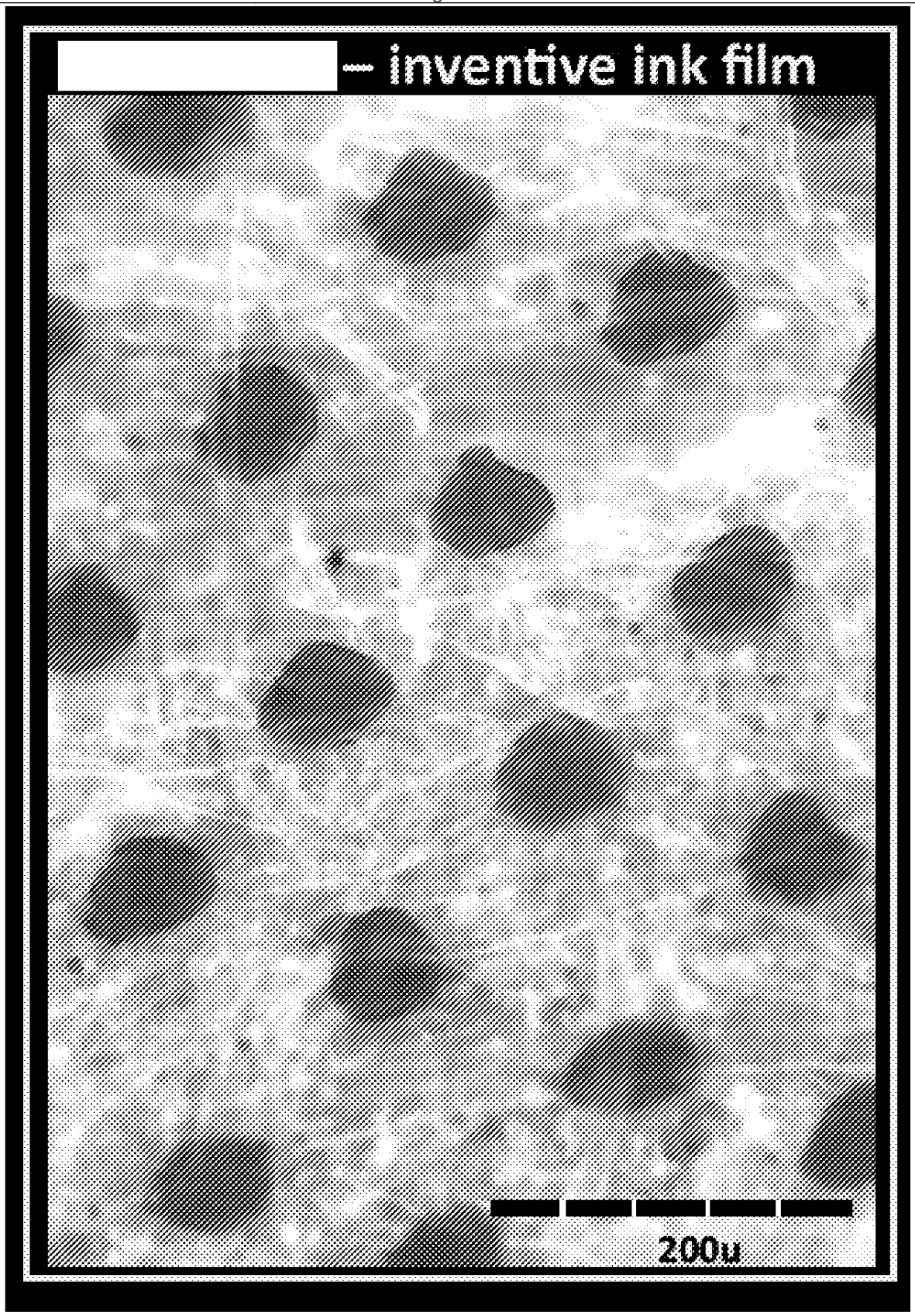
Family 35/100 - FAMPAT - ©Questel

Title

(EP2823004)

Ink film constructions

Images



Publication data including kind & date

BR112014021760	A8	2019-04-16	BR112014021760
BR112014021760	A8	2019-01-02	BR112014021760
IL234516	B	2018-06-28	IL-234516
CA2866200	C	2018-01-02	CA2866200
BR112014021760	A8	2017-07-18	BR112014021760
BR112014021760	A2	2017-06-20	BR112014021760
CN104395415	B	2016-08-31	CN104395415B

IN6531/CHENP/2014	A	2016-07-01	IN2014CN06531
HK1204642	A1	2015-11-27	HK1204642
JP2015514821	A	2015-05-21	JP2015514821
EP2823004	A4	2015-04-22	EP2823004
US20150072090	A1	2015-03-12	US20150072090
CN104395415	A	2015-03-04	CN104395415
EP2823004	A1	2015-01-14	EP2823004
KR20140134313	A	2014-11-21	KR20140134313
IL234516	A	2014-10-30	IL-234516
BR112014021760	A1	2014-10-21	BR112014021760
MX2014010683	A	2014-10-17	MX2014010683
AU2013229137	A1	2014-09-11	AU2013229137
WO2013/132340	A9	2014-03-20	WO2013132340
WO2013/132340	A9	2013-11-07	WO2013132340
WO2013/132340	A1	2013-09-12	WO2013132340
CA2866200	A1	2013-09-12	CA2866200

Abstract

(EP2823004)

An ink film construction including: (a) a printing substrate; and (b) a plurality of continuous ink films, fixedly adhered to a surface of the printing substrate, the ink films containing at least one colorant dispersed in an organic polymeric resin; the ink films having a first dynamic viscosity within a range of 106cP to 3•108cP for at least a first temperature within a first range of 90°C to 195°C, the ink films having a second dynamic viscosity of at least 8•107cP, for at least a second temperature within a second range of 50°C to 85°C.

Inventors

LANDA BENZION
ABRAMOVICH SAGI
GOLODETZ GALIA
NAKHMANOVICH GREGORY
GILADY MICHAL

Latest standardized assignees - inventors removed

LANDA

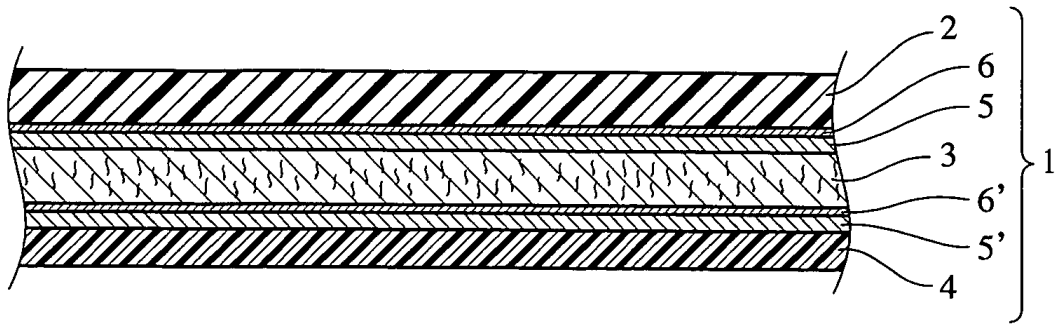
Family 36/100 - FAMPAT - ©Questel

Title

(EP1547750)

Method and apparatus for producing polybutylene terephthalate film, and shape-memory polybutylene terephthalate laminated film

Images



Publication data including kind & date

KR101011358	B1	2011-01-28	KR101011358
KR101011359	B1	2011-01-28	KR101011359
BRPI0314130	A2	2010-08-31	BR200314130
BRPI0314124	A2	2010-08-31	BR200314124
IN1074/DELNP/2005	A	2009-10-30	IN2005DN01074
IN1083/DELNP/2005	A	2009-10-30	IN2005DN01083
CN100439098	C	2008-12-03	CN100439098C
CN100413673	C	2008-08-27	CN100413673C
EP1547767	A4	2008-06-11	EP1547767
TWI265940	B	2006-11-11	TWI265940
US20060057405	A1	2006-03-16	US20060057405
US20060051540	A1	2006-03-09	US20060051540
EP1547750	A4	2006-01-25	EP1547750
CN1700976	A	2005-11-23	CN1700976
CN1700983	A	2005-11-23	CN1700983
TW200531985	A	2005-10-01	TW200531985
BR0314124	A	2005-07-12	BR200314124
BRPI0314124	A1	2005-07-12	BRPI0314124
EP1547750	A1	2005-06-29	EP1547750
EP1547767	A1	2005-06-29	EP1547767
BR0314130	A	2005-06-28	BR200314130
BRPI0314130	A1	2005-06-28	BRPI0314130
KR20050057503	A	2005-06-16	KR20050057503
KR20050057505	A	2005-06-16	KR20050057505
TW200426174	A	2004-12-01	TW200426174
JP2004106492	A	2004-04-08	JP2004106492
AU2003264554	A1	2004-04-08	AU2003264554
AU2003266571	A1	2004-04-08	AU2003266571
WO2004/026558	A1	2004-04-01	WO200426558
WO2004/026577	A1	2004-04-01	WO200426577
CA2499491	A1	2004-04-01	CA2499491
CA2499495	A1	2004-04-01	CA2499495

Abstract

(EP1547750)

A method for producing a polybutylene terephthalate film by an air-cooled inflation method of inflating a tube of a molten polybutylene terephthalate resin extruded from an annular die by the injection of air, the resin-extruding pressure being 8.3 to 13.7 MPa, and the resin-extruding temperature being a temperature ranging from the melting point of the polybutylene terephthalate resin - 15 DEG C to the melting point - 5 DEG C.

Inventors

KAGAWA SEIJI

Latest standardized assignees - inventors removed

18 2004 00 00 0

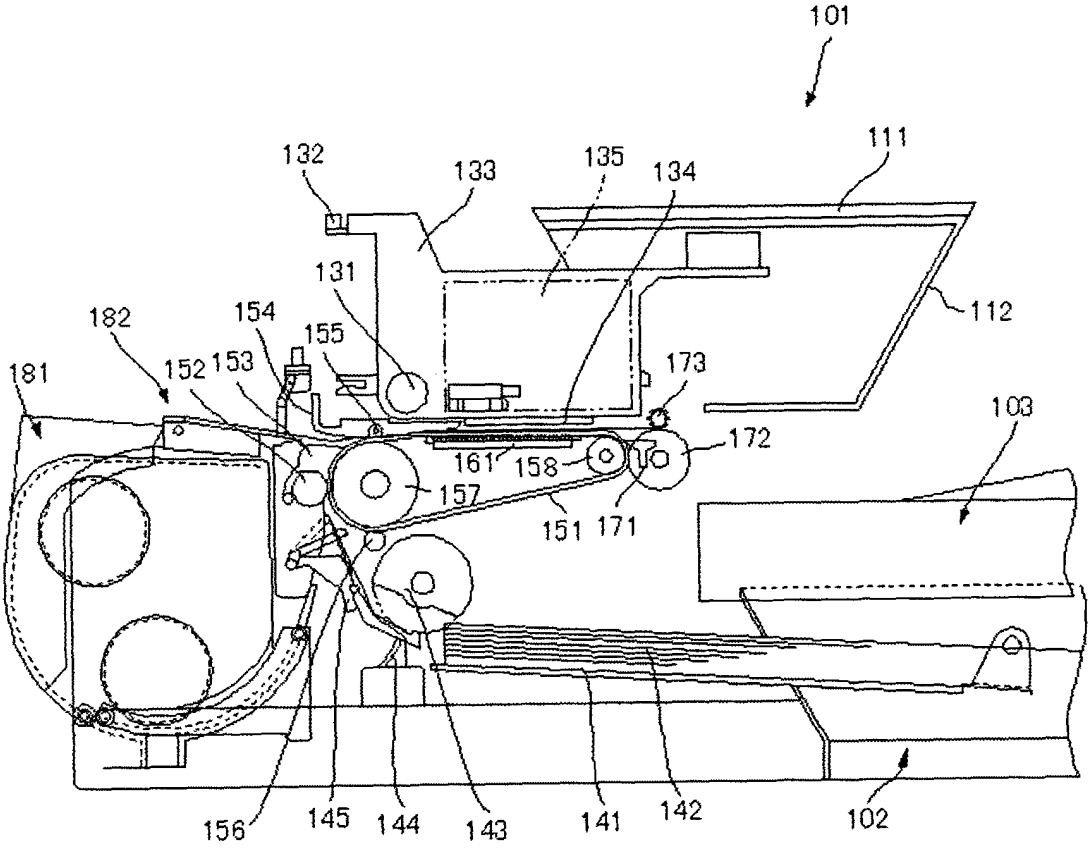
Family 37/100 - FAMPAT - ©Questel

Title

(EP2686393)

Inkjet ink, inkjet recording method, and inkjet recording device

Images



Publication data including kind & date

IN298844	B	2018-07-13	IN-298844
EP2686393	B1	2018-02-07	EP2686393
BR112013023754	A2	2016-12-06	BR112013023754
JP5825126	B2	2015-10-23	JP5825126
US9028600	B2	2015-05-12	US9028600
EP2686393	A4	2015-04-29	EP2686393
IN6817/CHENP/2013	A	2015-02-20	IN2013CN06817
KR101493638	B1	2015-02-13	KR101493638
CN103429677	B	2014-10-01	CN103429677B
AU2012229778	B2	2014-08-07	AU2012229778
EP2686393	A1	2014-01-22	EP2686393
BR112013023754	A1	2014-01-07	BR112013023754
US20140002539	A1	2014-01-02	US20140002539
VN36278	A	2013-12-25	VN--36278
KR20130133044	A	2013-12-05	KR20130133044
CN103429677	A	2013-12-04	CN103429677
AU2012229778	A1	2013-08-29	AU2012229778
JP2012207202	A	2012-10-25	JP2012207202
WO2012/124790	A1	2012-09-20	WO2012124790

Abstract

(EP2686393)

An inkjet ink, which contains water, an organic solvent, a surfactant, and a colorant, wherein the organic solvent contains at least one polyhydric alcohol having an equilibrium moisture content of 30% by mass or higher at a temperature of 23°C and humidity of 80%RH, at least an amide compound represented by the general formula (I), and at least one selected from the group consisting of compounds represented by the following general formulae (II) to (IV):

Inventors

GOTO HIROSHI
GOTOH AKIHIKO
NAGAI KIYOFUMI
YOKOHAMA YUUKI
FUJII HIDETOSHI

Latest standardized assignees - inventors removed

RICOH

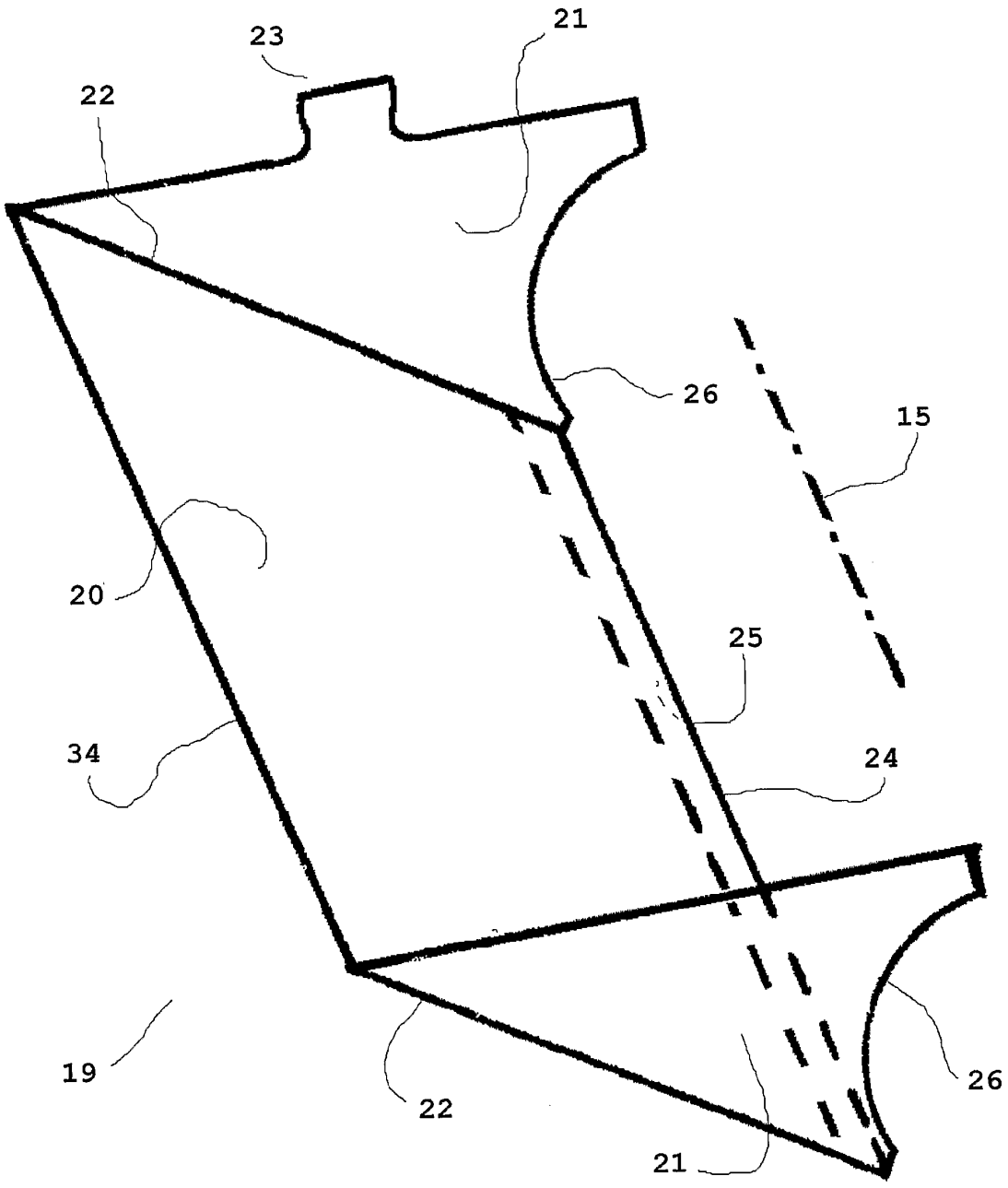
Family 38/100 - FAMPAT - ©Questel

Title

(EP1827832)

Ink fountain liner

Images



Publication data including kind & date

ES2435165	T3	2013-12-18	ES2435165
DK2179847	T3	2013-11-18	DK2179847T

EP2179847	B1	2013-08-07	EP2179847
NZ556360	A	2010-05-28	NZ-556360
EP2179847	A1	2010-04-28	EP2179847
RU2377129	C2	2009-12-27	RU2377129
US20090223395	A1	2009-09-10	US20090223395
RU2007126078	A	2009-01-20	RU2007126078
KR100865931	B1	2008-10-29	KR100865931
ZA200705638	B	2008-09-25	ZA200705638
JP2008522865	A	2008-07-03	JP2008522865
CN101084118	A	2007-12-05	CN101084118
KR20070108360	A	2007-11-09	KR20070108360
NO20073422	L	2007-09-07	NO20073422
EP1827832	A1	2007-09-05	EP1827832
WO2006/061016	A1	2006-06-15	WO200661016
AU2004325537	A1	2006-06-15	AU2004325537
CA2593987	A1	2006-06-15	CA2593987

Abstract

(EP1827832)

Liner for a radial-type ink fountain in a printing machine; ie. the sloping ink fountain bottom's lower edge is, via a nip with gap-adjustment by edge-positioning for controlled metering of ink, opposed an ink roller dragging down ink adhering to the ink roller sur-face during downward rotational movement. The liner (19) has panel(s) to cover else ink-wetted areas in the ink fountain reservoir, thus having a bottom panel (20) with a longitudinal edge (24) extending along the ink fountain bottom's edge adjacent the nip, when installed. Ink penetration between the liner underside and the ink fountain bottom surface from the nip-area is inventively avoided by primary adhesive means (25) strip-like continuously extending along bottom panel's edge (24) nearest the nip to sealingly joining the bottom panel edge-area to the ink fountain bottom without bottom panel edge protruding freely towards the ink roller. Manufacturing methods are also claimed.

Inventors

JEPSEN LARS

Latest standardized assignees - inventors removed

LAS JEPSON

Family 39/100 - FAMPAT - ©Questel

Title

(EP1623822)

Hydrogenated copolymer-containing laminate

Images

Content (% by weight) of the vinyl aromatic polymer block (A)

= {(weight of the vinyl aromatic polymer block (A) in the unhydrogenated copolymer)/(total weight of the vinyl aromatic monomer units in the unhydrogenated copolymer)} × 100.

Publication data including kind & date

JP4656819	B2	2011-01-07	JP4656819

US7807241	B2	2010-10-05	US7807241
HK1096346	A1	2010-09-03	HK1096346
JP4560283	B2	2010-07-30	JP4560283
DE602004026434	D1	2010-05-20	DE602004026434
CN1822948	B	2010-05-12	CN1822948B
EP1623822	B1	2010-04-07	EP1623822
US20080118750	A1	2008-05-22	US20080118750
EP1623822	A4	2007-05-09	EP1623822
KR100661443	B1	2006-12-27	KR100661443
CN1822948	A	2006-08-23	CN1822948
KR20060022656	A	2006-03-10	KR20060022656
EP1623822	A1	2006-02-08	EP1623822
JP2004359926	A	2004-12-24	JP2004359926
JP2004339339	A	2004-12-02	JP2004339339
WO2004/101269	A1	2004-11-25	WO2004101269

Abstract

(EP1623822)

A hydrogenated copolymer-containing laminate comprising a substrate layer, an adhesive layer, and a hydrogenated copolymer composition layer which is laminated on and bonded to the substrate layer through the adhesive layer, the hydrogenated copolymer composition layer comprising a hydrogenated copolymer (I), and a rubbery polymer (II), wherein the hydrogenated copolymer (I) is obtained by hydrogenating a conjugated diene/vinyl aromatic compound copolymer, the hydrogenated copolymer (I) having the following characteristics (1) to (4): (1) a vinyl aromatic monomer unit content of from more than 50 % by weight to 90 % by weight, (2) a content of a vinyl aromatic polymer block of not more than 40 % by weight, (3) a weight average molecular weight of from 50,000 to 1,000,000, and (4) a hydrogenation ratio of 70 % or more, as measured with respect to the double bonds in conjugated diene monomer units.

Inventors

SASAGAWA MASAHIRO
SUZUKI KATSUMI
SHIRAKI TOSHINORI
LEE JAE YEON
PIL JUN CHOI
SUR SUK HUN
KIM DAE SHIK

Latest standardized assignees - inventors removed

ASAHI KASEI CHEMICALS

Family 40/100 - FAMPAT - ©Questel

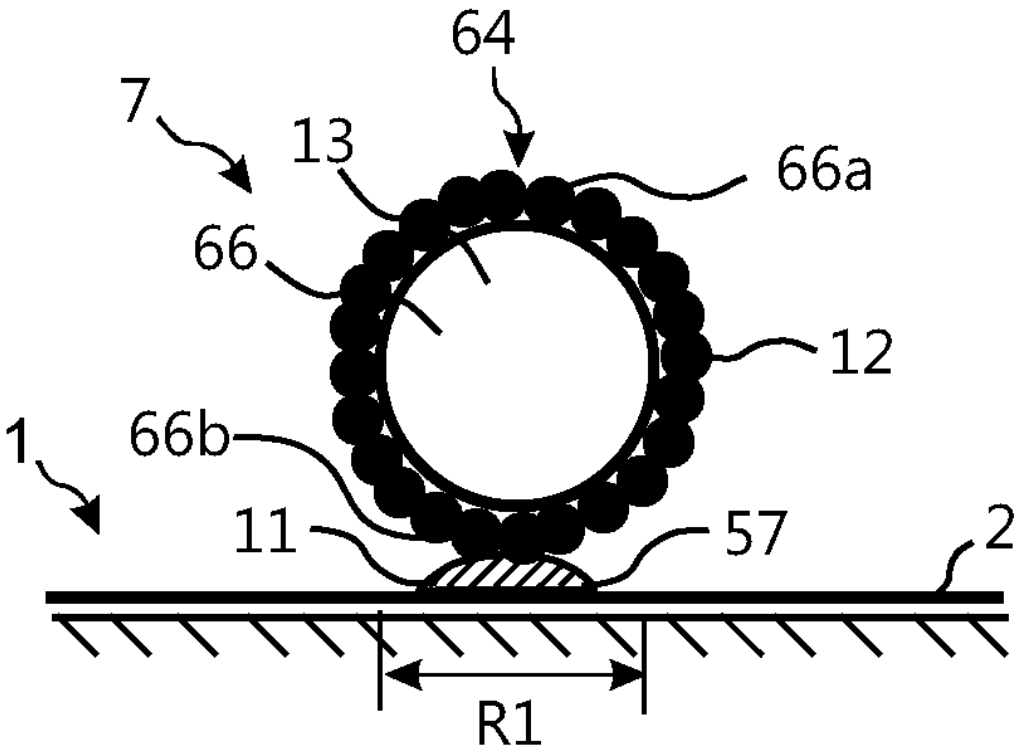
Title

(EP2943346)

Digital binder and powder print

Images

Fig. 7c



Publication data including kind & date

CN105008139	B	2019-08-13	CN105008139B
JP2019048456	A	2019-03-28	JP2019048456
JP6457949	B2	2019-01-23	JP6457949
EA030050	B1	2018-06-29	EA--30050
AU2014205716	B2	2018-04-19	AU2014205716
UA115893	C2	2018-01-10	UA-115893
ZA201505565	B	2017-08-30	ZA201505565
BR112015016163	A2	2017-07-11	BR112015016163
EP2943346	A4	2016-08-31	EP2943346
IN4667/CHENP/2015	A	2016-07-01	IN2015CN04667
EA201591261	A8	2016-05-31	EA201591261
JP2016514058	A	2016-05-19	JP2016514058
MX2015008767	A	2016-04-11	MX2015008767
EA201591261	A1	2015-11-30	EA201591261
EP2943346	A1	2015-11-18	EP2943346
CN105008139	A	2015-10-28	CN105008139
KR20150109384	A	2015-10-01	KR20150109384
AU2014205716	A1	2015-08-13	AU2014205716
BR112015016163	A1	2015-07-21	BR112015016163
WO2014/109699	A1	2014-07-17	WO2014109699
CA2896942	A1	2014-07-17	CA2896942

Abstract

(EP2943346)

The disclosure relates to a method and equipment to form a digital print by displacing a panel under a digital drop application head (30') for applying a liquid binder (11) on a surface (2) of the panel, applying colourants (7) on the surface, bonding a part of the colourants to the surface with the liquid binder, removing non-bonded colourants and permanently bond the colourants to the surface by applying heat and pressure.

Inventors

PERVAN DARKO

PERVAN TONY

Latest standardized assignees - inventors removed

CERALOC INNOVATION

Family 41/100 - FAMPAT - ©Questel

Title

(EP1160092)

Material detecting device for stamp making

Images

FIG. 1A

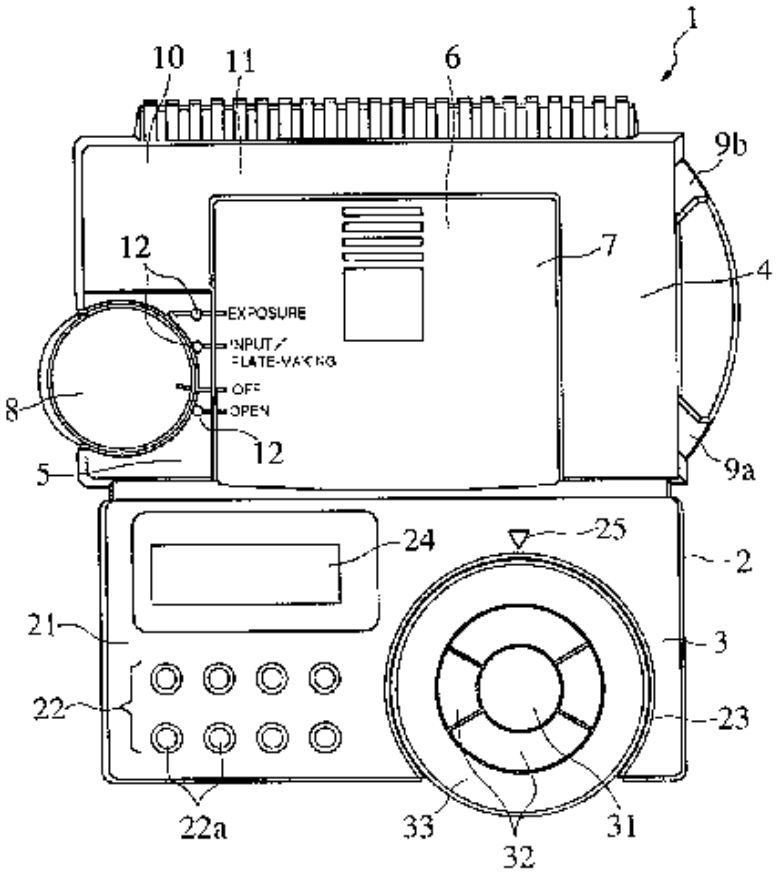
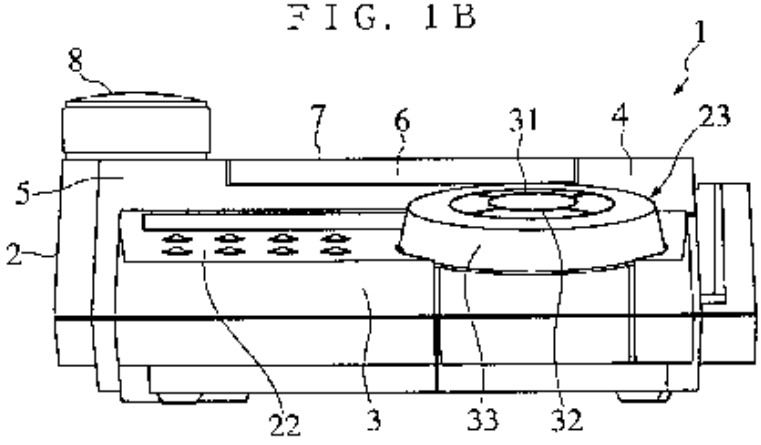


FIG. 1B



Publication data including kind & date

KR100421325	B1	2004-06-18	KR100421325
DE69619746	T2	2002-08-22	DE69619746
JP3296699	B2	2002-07-02	JP3296699
HK1005368	A1	2002-06-07	HK1005368
DE69619746	D1	2002-04-18	DE69619746
CN1341512	A	2002-03-27	CN1341512
EP0761428	B1	2002-03-13	EP-761428
EP1160092	A1	2001-12-05	EP1160092
CN1074992	C	2001-11-21	CN1074992C
TW409667	U	2000-10-21	TW-409667U

TW391369	U	2000-05-21	TW-391369U
US6016749	A	2000-01-25	US6016749
CN1169369	A	1998-01-07	CN1169369
EP0761428	A3	1997-11-19	EP-761428
KR19970015024	A	1997-04-28	KR19970015024
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EP0761428	A2	1997-03-12	EP-761428

Abstract

(EP1160092)

Discloses is a stamp-making object material-detecting device for a stamp-making apparatus having a pocket (6) in which a stamp-making object material (A) in the form of a pillar is mounted. The stamp-making object material has a stamp-making surface at one end thereof, and a reverse side surface parallel to said stamp-making surface. The said stamp-making object material-detecting device detects that said stamp-making object material is mounted in said pocket. The stamp-making object material-detecting device comprises detecting means (263) arranged to face a central portion of said reverse side surface of said stamp-making object material mounted in said pocket to thereby detect whether said stamp-making object material is mounted in said pocket.

Inventors

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Latest standardized assignees - inventors removed

SEIKO EPSON
KING JIM

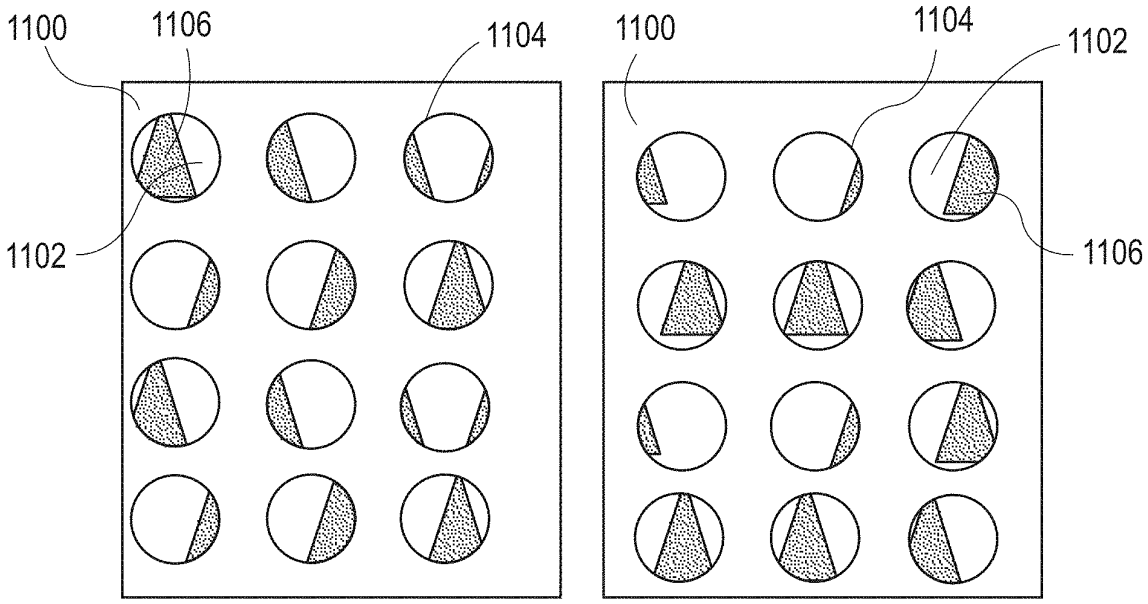
Family 42/100 - FAMPAT - ©Questel

Title

(EP3215084)

Pre-strained laminates and methods for making the same

Images



Publication data including kind & date

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Abstract

(EP3215084)

A method of forming a three-dimensional laminate for an absorbent article is provided. The method comprises providing a first nonwoven layer, providing a second nonwoven layer, and applying a pre-strain force to the first nonwoven layer or to the second nonwoven layer. The method comprises joining the first nonwoven layer to the second nonwoven layer while the first nonwoven layer or the second nonwoven layer is in a pre-strained condition, and releasing the pre-strain force to form the three-dimensional laminate.

Inventors

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Latest standardized assignees - inventors removed

PROCTER & GAMBLE

Family 43/100 - FAMPAT - ©Questel

Title

(EP-912788)

Film-nonwoven laminate containing an adhesively-reinforced strectch-thinned film

Images

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Abstract

(EP0912788)

The present invention is directed to film-nonwoven laminates incorporating stretch-thinned, breathable films onto which a pattern or network of adhesive areas is applied to improve durability and strength of the stretch-thinned film. The present invention has applicability in a wide variety of areas where strength, comfort, liquid impermeability and breathability are needed or desired, including without limitation, personal care absorbent articles, articles of clothing, roll goods and health care-related items.

Inventors

MCCORMACK ANN LOUISE

Latest standardized assignees - inventors removed

KIMBERLY CLARK

Family 44/100 - FAMPAT - ©Questel

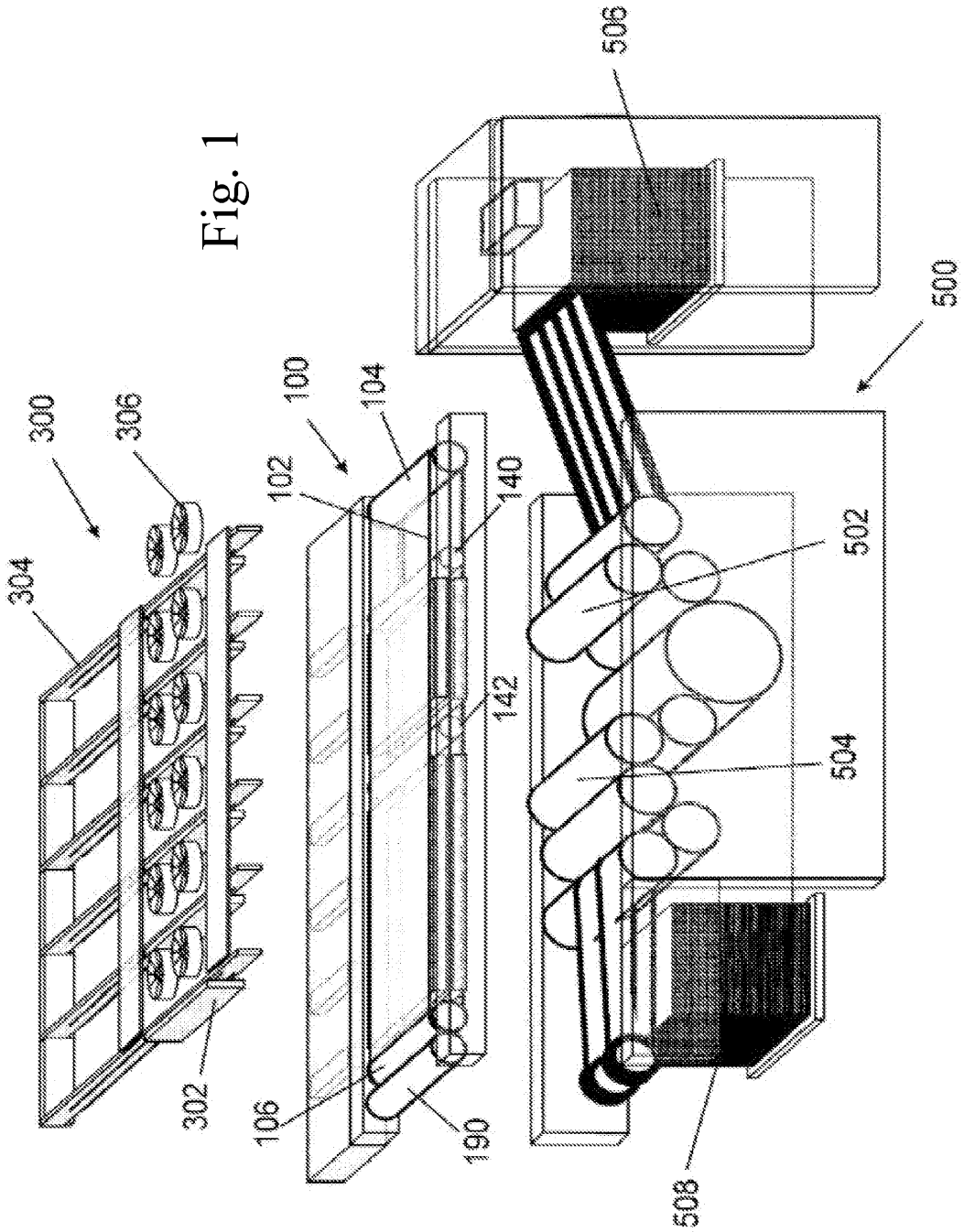
Title

(EP3044271)

Ink formulations and film constructions thereof

Images

Fig. 1



Publication data including kind & date

CN105658744	B	2019-06-28	CN105658744B
AU2014320059	B2	2018-06-21	AU2014320059
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Abstract

(EP3044271)

Ink formulations suitable for deposition upon the intermediate transfer member of an indirect printing system and for transfer therefrom to a substrate. The inks are aqueous inkjet inks comprising an organic polymeric resin and a colorant. Ink film constructions including a plurality of continuous ink films fixedly adhered to the printing substrate that can be obtained with these inks are also disclosed. The inks and the printed constructions are such that the ink films and the dried inks composing them have a first dynamic viscosity within a range of 106cP to 5•107cP at at least a first temperature within a first range of 60°C to 87.5°C, and a second dynamic viscosity of at least 6•107cP, for at least a second temperature within a second range of 50°C to 55°C.

Inventors

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Latest standardized assignees - inventors removed

LANDA

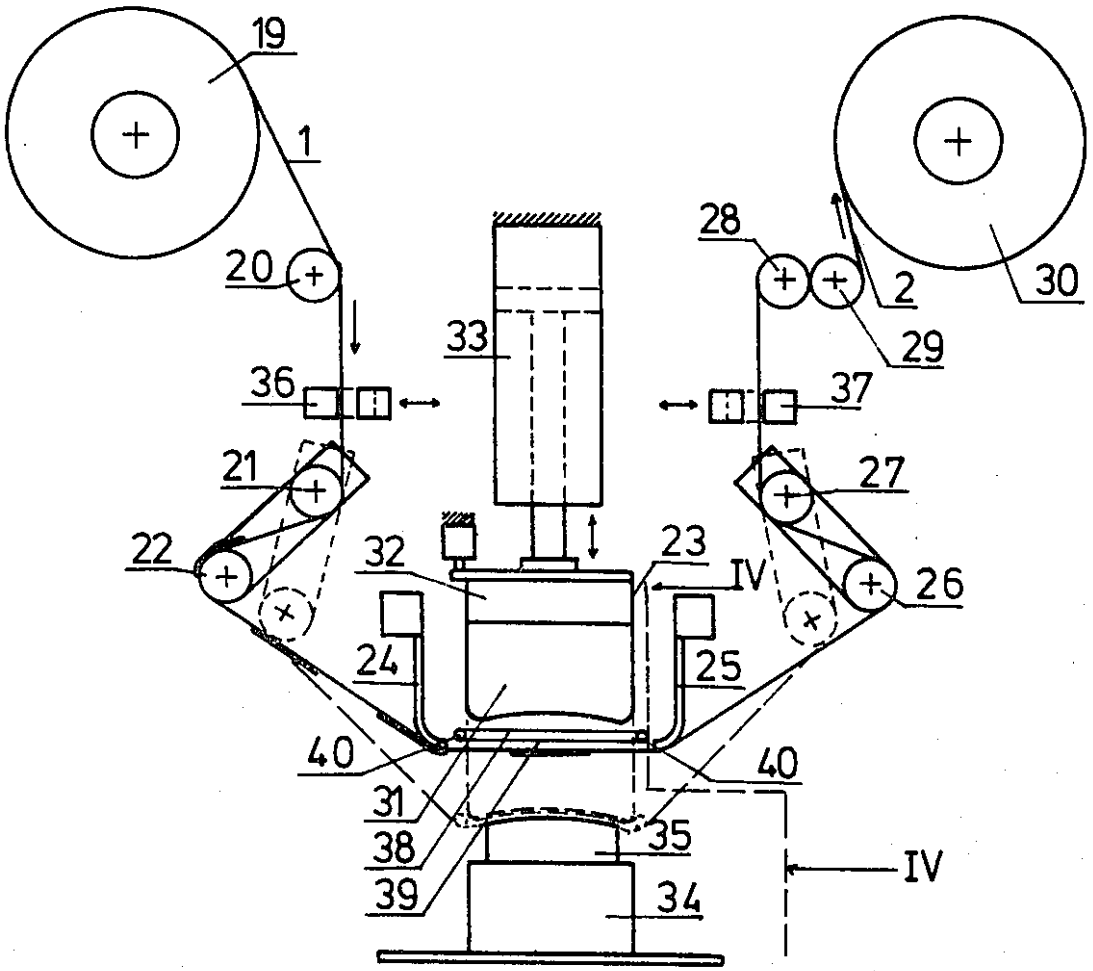
Family 45/100 - FAMPAT - ©Questel

Title

(US4379017)

Decalcamania picture for applying designs or imprints to objects of glass, ceramics or such--like, process for transferring decalcamania pictures of that kind, and apparatus for carrying out said process

Images



Publication data including kind & date

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Abstract

(US4379017)

A ceramic transfer picture with a water-absorbing separable paper carrier is provided with a screening layer on its surface opposite the image layer. Said screening layer leaves uncovered only the image areas to be moistened; further, a compensating layer of polyglycol or polyethylglycol wax is provided at or in the image layer as well as an organic

intermediate layer between the paper carrier and the image layer controlling the plasiticization of the image layer. In order to achieve a fast separation of the images from the paper carrier, steam is raised during the transfer of the decalcamia pictures. Owing to the nonabsorbent screening layer, the paper carrier is strong so that material in rolls may be used in a mechanical transfer. The applicator-apparatus for it has accordingly a transport device with a delivery spool for the lamellar decalcamania picture material and a batching roller for the separated paper carrier, driving, guiding and tension rollers as well as a movable, heatable pressing agent for the objects to be decorated, such as a stamping device, opposite a holder, e.g. a turning table.

Inventors

BARTA FRANZ

Latest standardized assignees - inventors removed

BARTA FRANZ

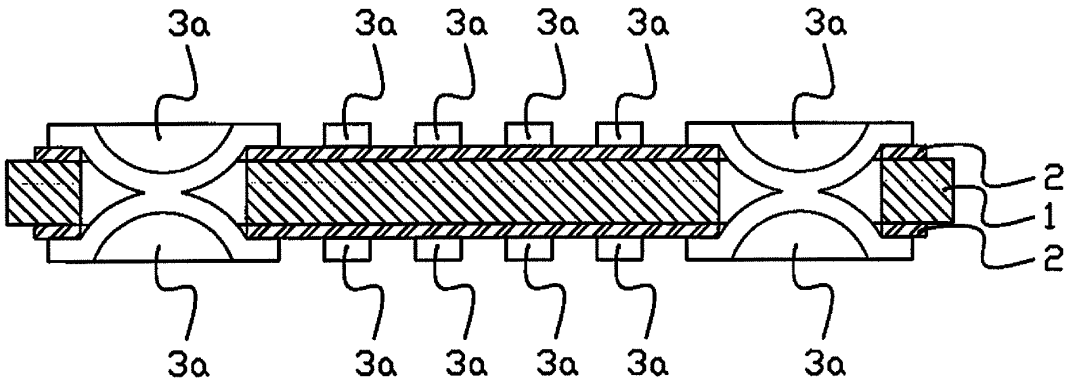
Family 46/100 - FAMPAT - ©Questel

Title

(EP2259921)

Method for manufacturing laminated circuit board

Images



Publication data including kind & date

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FI20085244	A0	2008-03-26	FI200805244

Abstract

(EP2259921)

1. A method for manufacturing a circuit board featuring conductive patterns, said method comprising the following steps of: i) affixing a conductive layer, such as a metal foil (3), to a substrate material (1) selectively, such that a part of the conductive layer, such as the metal foil (3), comprising desired areas (3a) for the final product and narrow areas (3c) between the final product's conducting areas, is affixed to the substrate material (1) by means of a bond (2), and removal-intended more extensive areas (3b) of the conductive layer, for example the metal foil (3), are left substantially unattached to the substrate material in such a way that the removable area (3b) is in attachment with the substrate material (1) by not more than its edge portion to be patterned in a subsequent step ii) and possibly by sites which preclude a release of the removable areas prior to a step iii); ii) patterning, by a removal of material, the conductive layer, such as the metal foil (3), from narrow gaps between the desired conducting areas (3a), and from an outer periphery of the area (3b) removable in a solid state, for establishing conductor patterns; iii) removing the removable areas (3b), not affixed to the substrate material (1), from the conductive layer, such as the metal foil (3), in a solid state after the conductive layer's edge area, which was removed from the removable area's outer periphery during the course of step ii), no longer holds the removable areas (3b) attached by their edges to the substrate material.

Inventors

MARTTILA TOM

Latest standardized assignees - inventors removed

TECNOMAR

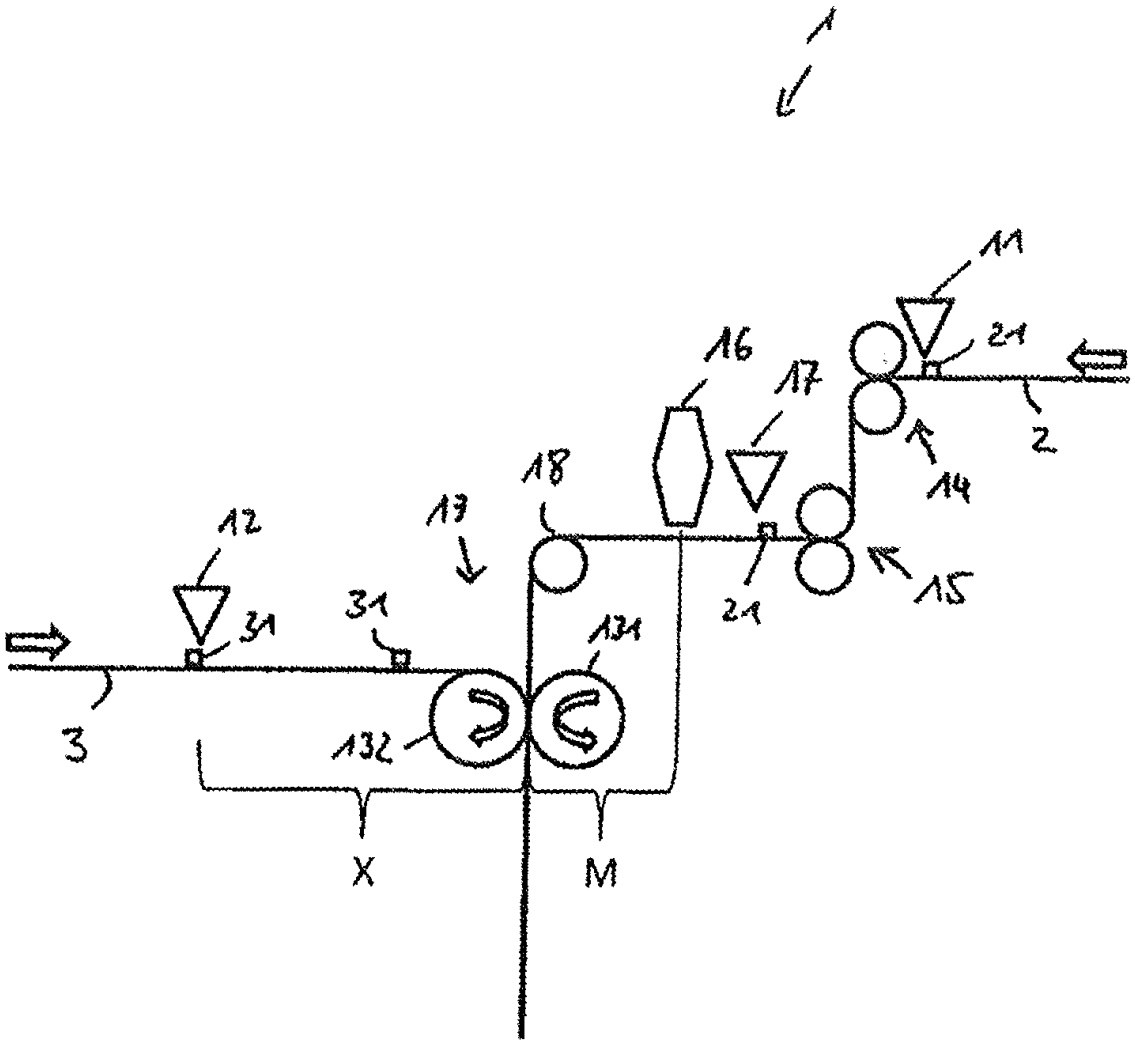
Family 47/100 - FAMPAT - ©Questel

Title

(EP3370973)

Method and application device for applying a transfer layer of a film to a substrate

Images



Publication data including kind & date

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WO2017/076872	A3	2017-06-29	WO201776872
WO2017/076872	A2	2017-05-11	WO201776872

Abstract

(EP3370973)

The invention relates to a method for applying a transfer layer of a film to a substrate, comprising the steps: a) applying a radically curable adhesive in certain regions of the transfer layer and/or the substrate by means of an ink-jet printer head; b) pre-curing the adhesive by UV irradiation; c) applying the transfer layer to the substrate using an embossing device; b) fully curing the adhesive by UV irradiation; e) removing a backing layer of the film, at least one first sub-region of the transfer layer remaining in an application region of the substrate and at least one second sub-region of the transfer layer remaining on the backing layer; f) rolling up or rewinding the backing layer comprising the remaining second sub-region of

the transfer layer; g) applying at least one other sub-region of the transfer layer remaining on the backing layer to the substrate by repeating the steps a) to f) at least once. The invention also relates to an application device for carrying out a method of this type.

Inventors

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Latest standardized assignees - inventors removed

LEONHARD KURZ STIFTUNG

Family 48/100 - FAMPAT - ©Questel

Title

(US5830548)

Articles of manufacture and methods for manufacturing laminate structures including inorganically filled sheets

Images

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Publication data including kind & date

US5830548 A 1998-11-03 US5830548

Abstract

(US5830548)

Compositions and methods for manufacturing composite laminate structures incorporating sheets having a moldable matrix are disclosed. Suitable compositions are prepared by mixing together a water dispersable organic binder, water, and appropriate additives (such as aggregates and fibers) which impart predetermined properties so that a sheet formed therefrom has the desired performance criteria. The compositions are formed into sheets by first extruding them into a sheet and then calendaring the sheet using a set of rollers. The calendered sheets are dried in an accelerated manner to form a substantially hardened sheet. The drying process is performed by heated rollers and/or a drying chamber. The inorganically filled sheets so formed may have properties substantially similar to sheets made from presently used

materials like paper, cardboard, polystyrene, or plastic. Such sheets can be rolled, pressed, scored, perforated, folded, and glued before or after being incorporated into composite laminate structures. Such composite laminate structures have especial utility in the mass production of containers, particularly food and beverage containers.

Inventors

ANDERSEN PER JUST

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Latest standardized assignees - inventors removed

E KHASHOGGI INDUSTRIES

Family 49/100 - FAMPAT - ©Questel

Title

(EP-852536)

Selective deposition modeling method and apparatus for forming three-dimensional objects and supports

Images

FIG. 1

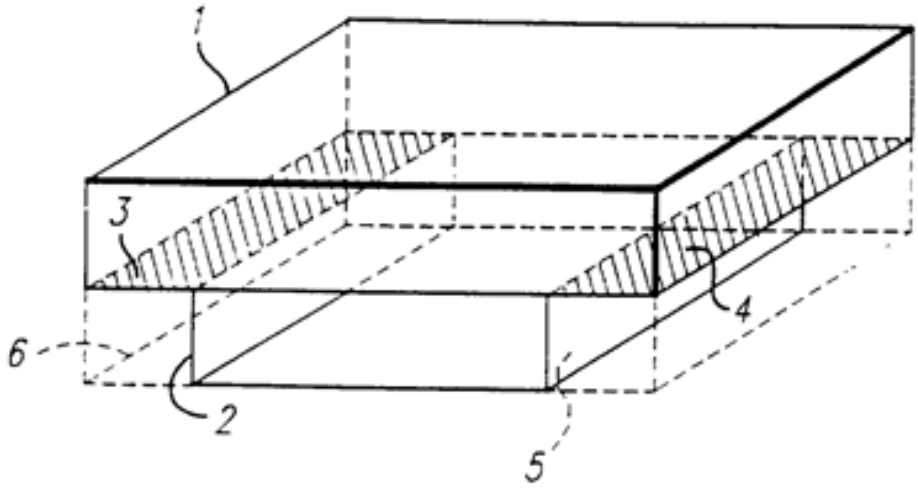
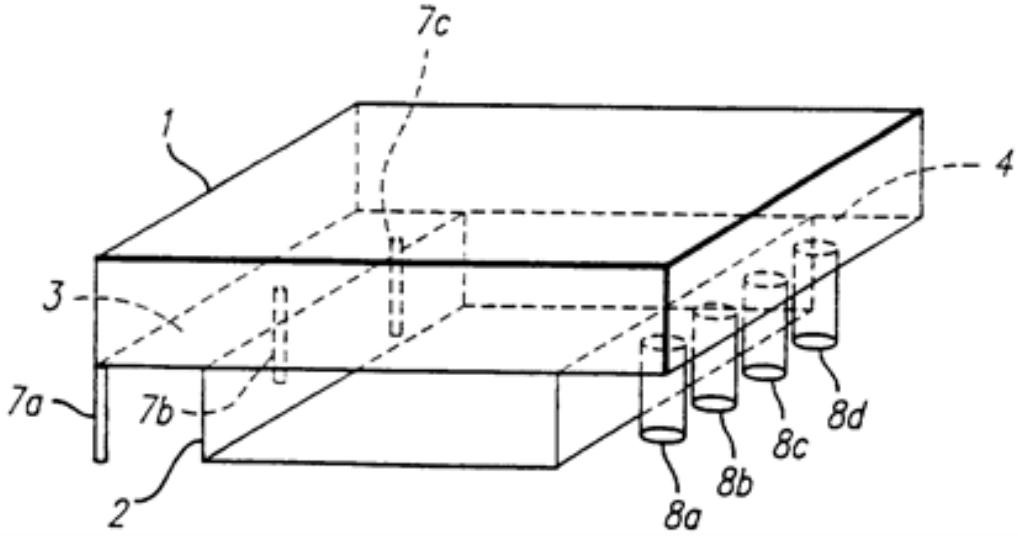


FIG. 2



Publication data including kind & date

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CA2233202	A1	1997-04-03	CA2233202
CA2233225	A1	1997-04-03	CA2233225

Abstract

(EP0852536)

Methods of manipulating data in a thermal stereolithography apparatus, characterized in that the data represents a plurality of start/stop transitions to facilitate the computation of Boolean operations.

Inventors

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Latest standardized assignees - inventors removed

3D SYSTEMS

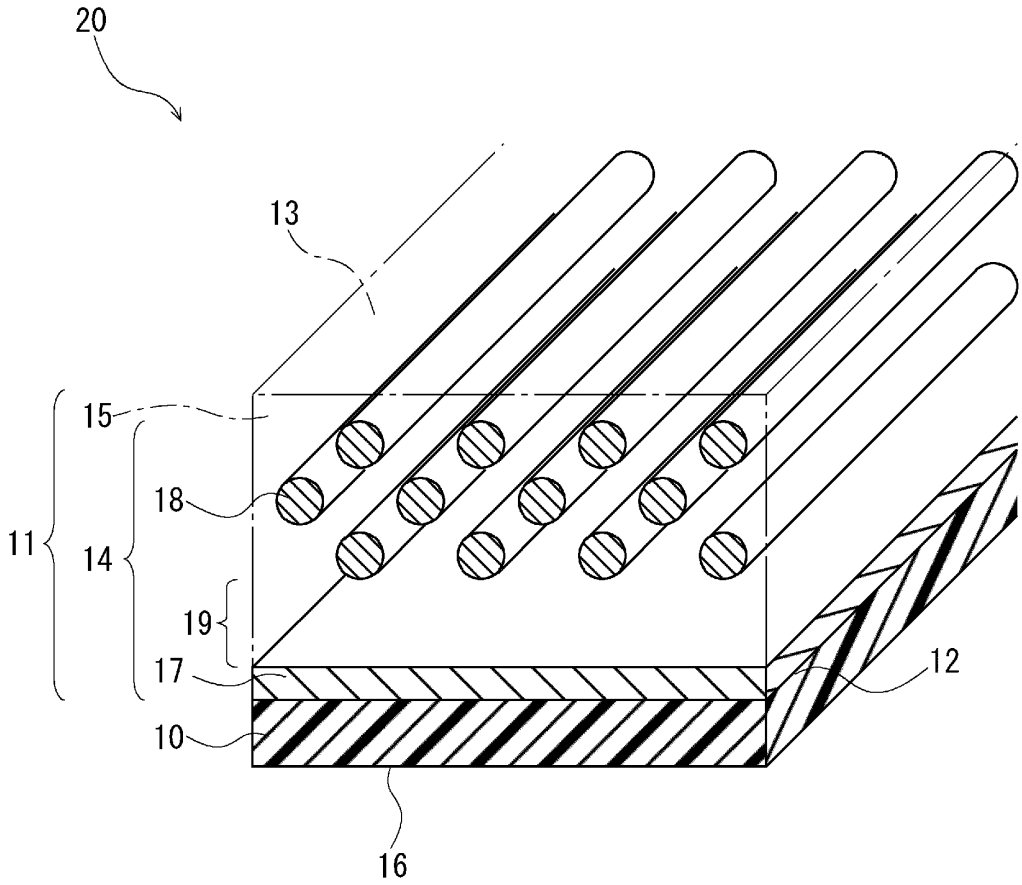
Family 50/100 - FAMPAT - ©Questel

Title

(EP3460016)

Layered product

Images



Publication data including kind & date

CN110139906	A	2019-08-16	CN110139906
US20190136092	A1	2019-05-09	US20190136092
EP3460016	A1	2019-03-27	EP3460016
JPWO2017200014	A1	2019-03-14	JP2017200014W
KR10-2019-0005178	A	2019-01-15	KR20190005178
TW201817594	A	2018-05-16	TW201817594
WO2017/200014	A1	2017-11-23	WO2017200014

Abstract

(EP3460016)

The present disclosure is a layered product (20) comprising a base layer (10) and a pressure sensitive adhesive layer (11), which is in contact with the base layer (10). The base layer (10) comprises a (meth)acrylic resin (M), an acrylonitrile-butadiene-styrene resin, or a polyester resin. The pressure sensitive adhesive layer (11) contains a block copolymer (A) containing an aromatic vinyl compound polymer block (S) and a conjugated diene compound polymer block (D). The aromatic vinyl compound polymer block (S) forms a membrane structure phase (17) along the interface (12) between the base layer (10) and the pressure sensitive adhesive layer (11).

Inventors

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Latest standardized assignees - inventors removed

KURARAY

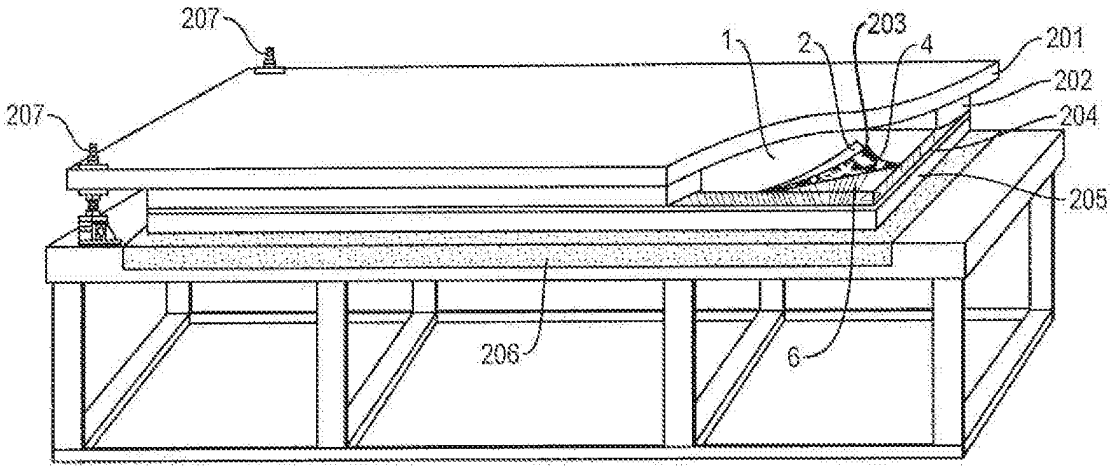
Family 51/100 - FAMPAT - ©Questel

Title

(EP3148763)

Thermoset in-mold finishing film

Images



Publication data including kind & date

US10357909	B2	2019-07-23	US10357909
EP3148763	A4	2018-02-21	EP3148763
CN107073760	A	2017-08-18	CN107073760
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EP3148763	A1	2017-04-05	EP3148763
US20160031135	A1	2016-02-04	US20160031135
WO2015/184343	A1	2015-12-03	WO2015184343

Abstract

(EP3148763)

This invention relates to the manufacturing of durable thermoset in-mold finishing films (TIMFFs) combining in-mold decorating and in-mold durable exterior grade coating capabilities, to molded articles having TIMFFs adhering to their surfaces and both showing a decoration and providing protection, and to thermosetting resin formulations used in the manufacturing of TIMFFs. In some embodiments, the thermoset is prepared via polyurethane chemistry; the manufacturing process comprises reaction injection molding (RIM) with a specially designed mold; and articles having TIMFFs adhering to their surfaces include graphic panels for durable signage, structural graphics, molded flooring, prefabricated housing, aerospace structures and body panels, automotive structures and body panels, and marine structures and body panels. In addition to RIM, the TIMFF technology is also compatible with other processes, such as injection molding, compression molding, resin transfer molding, spin casting, rotational molding, thermoforming, roll lamination, use of a platen / laminate press, and blow molding.

Inventors

HICKS THOMAS PAUL

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Latest standardized assignees - inventors removed

ABSOLUTE EXHIBITS

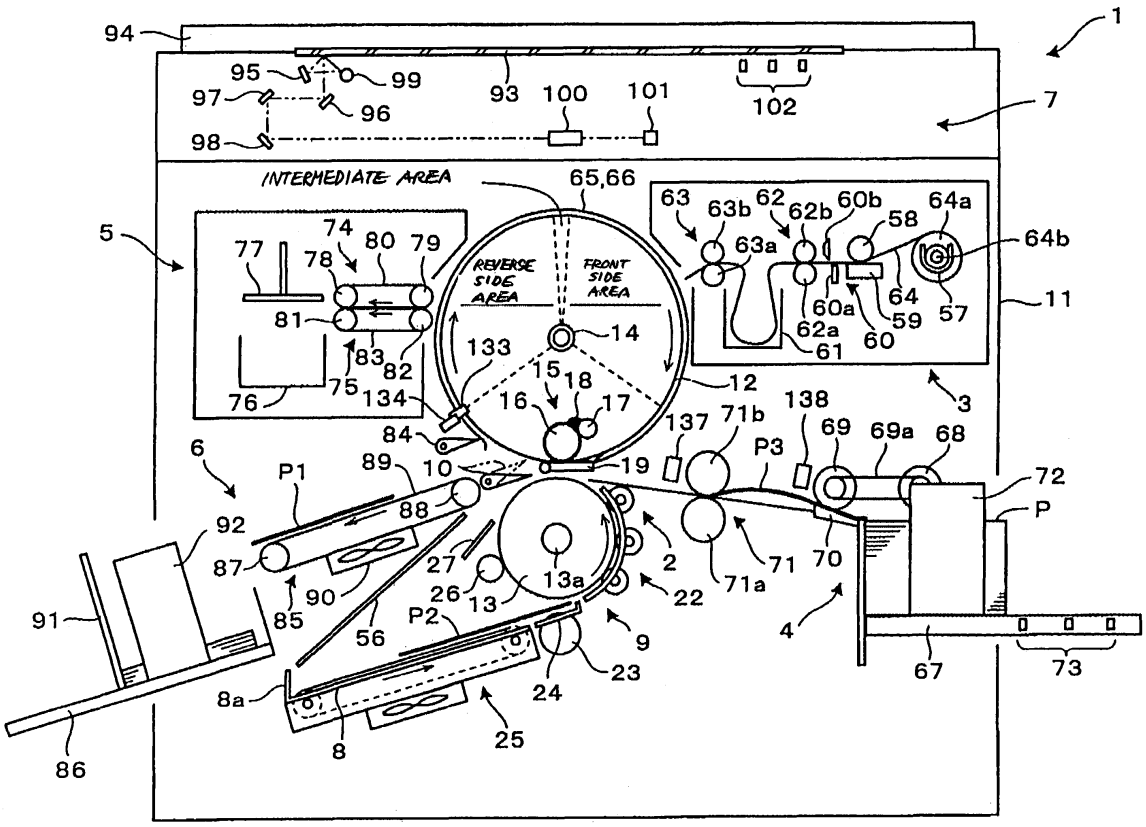
Family 52/100 - FAMPAT - ©Questel

Title

(US7073436)

Duplex printing device configured for duplex printing on the front and reverse sides of a sheet of printing paper and simplex printing on only one side of the sheet

Images



Publication data including kind & date

CN100575108	C	2009-12-30	CN100575108C
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US20050243153	A1	2005-11-03	US20050243153
JP2005193546	A	2005-07-21	JP2005193546
CN1636758	A	2005-07-13	CN1636758

Abstract

(US20050243153)

A duplex printing device including a duplex printing master on which two images are perforated in series over a single plate, and a simplex printing master on which a third image is perforated over the single plate. Either master is wrapped around an outer peripheral surface of a print drum, enabling duplex printing operation in which one of the two images is printed by pressing a front side of a sheet against the duplex printing master on the print drum using a presser which can be brought into and out of contact with the print drum, after which the other image is printed by reversing and refeeding the sheet and pressing a reverse side of the sheet against the duplex printing master on the print drum using the presser, and a simplex printing operation done by pressing one side of the sheet against the simplex printing master.

Inventors

TAKAHASHI MITURU

Latest standardized assignees - inventors removed

RICOH

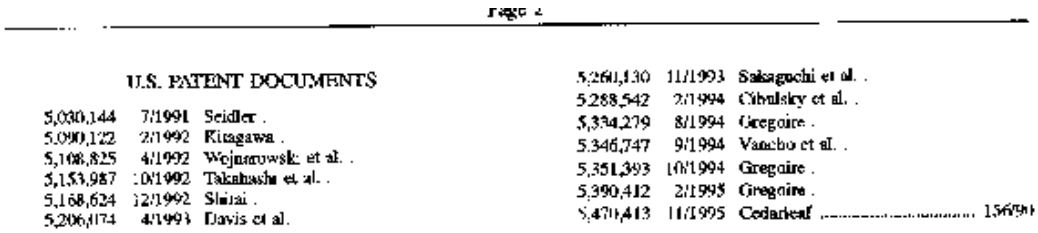
Family 53/100 - FAMPAT - ©Questel

Title

(EP-842045)

Debossable films

Images



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WO96/40509	A1	1996-12-19	WO9640509
CA2223544	A1	1996-12-19	CA2223544

Abstract

(EP0842045)

A thin thermosetting resin film that is amenable to being subjected to a debossing procedure that debosses a grooved printed circuit pattern thereon with minimal loss of debossment precision of the grooved pattern, which pattern and the grooving can be cured to produce a thermoset resin film that can be employed for eventually generating a printed board. The thermosetting film can be shaped without the need for constraining flow at the edges of the resin film. The resin is nonconductive and the film is sufficiently uniform in thickness in order to provide consistent heat shaping capability across the breadth of the film. The film possesses low flow over a broad temperature range so that it does not flow uncontrollably while undergoing cure conditions. The film gels or achieves properties similar to a state of gelation, over conditions leading to cure, that satisfy commercial conditions.

Inventors

GEBHARDT WILLIAM F

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Latest standardized assignees - inventors removed

LOCTITE

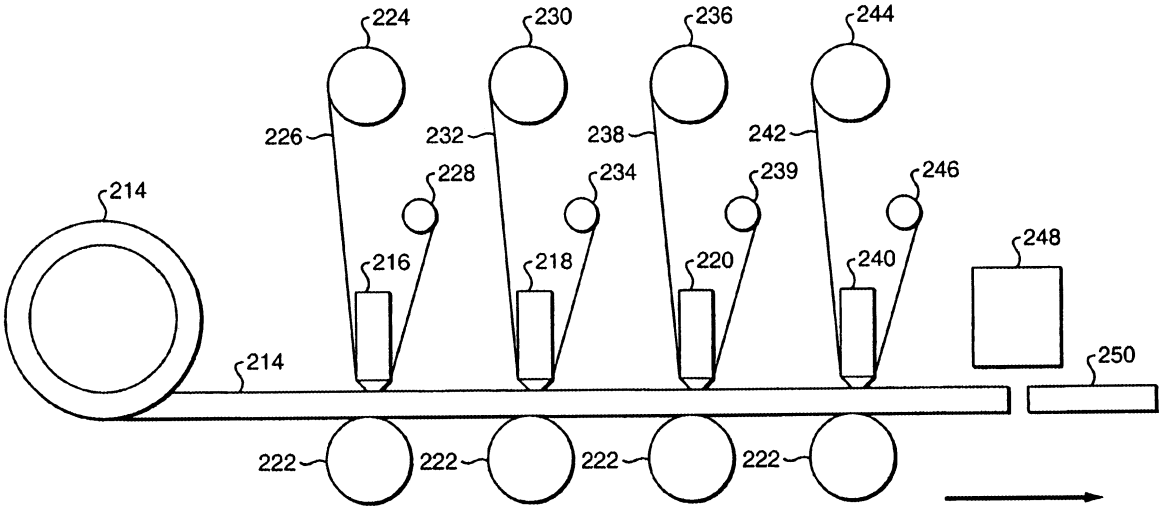
Family 54/100 - FAMPAT - ©Questel

Title

(EP1392514)

A high speed photo-printing apparatus

Images



Publication data including kind & date

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Abstract

(EP1392514)

A thermal printer is disclosed which includes a plurality of thermal print heads, each of the plurality of thermal print heads being operable to print a distinct one of a plurality of colors. The plurality of thermal print heads may print output at a plurality of spatial resolutions. The thermal printer may include dot size varying perceived levels of color printed by the thermal printer by varying sizes of dots printed by the plurality of thermal print heads. The printer may perform various image processing steps on an image to be printed, such as tone scale adjustment, thermal history control, and common mode voltage correction, to improve the perceived quality of the printed image. The thermal printer may be incorporated into a digital photo-printing vending machine for printing images provided by a customer.

Inventors

BOUCHARD ALAIN
BUSCH BRIAN D
BYBELL DANIEL P
DEYOUNG ANEMARIE
LAWRENCE SANDRA B
REISCH MICHAEL L
SAQUIB SUHAIL S
SCHUH DANA F
TELFER STEPHEN J
THORNTON JAY E

VETTERLING WILLIAM T

VIOLA MICHAEL S

Latest standardized assignees - inventors removed

MAGNACHIP SEMICONDUCTOR

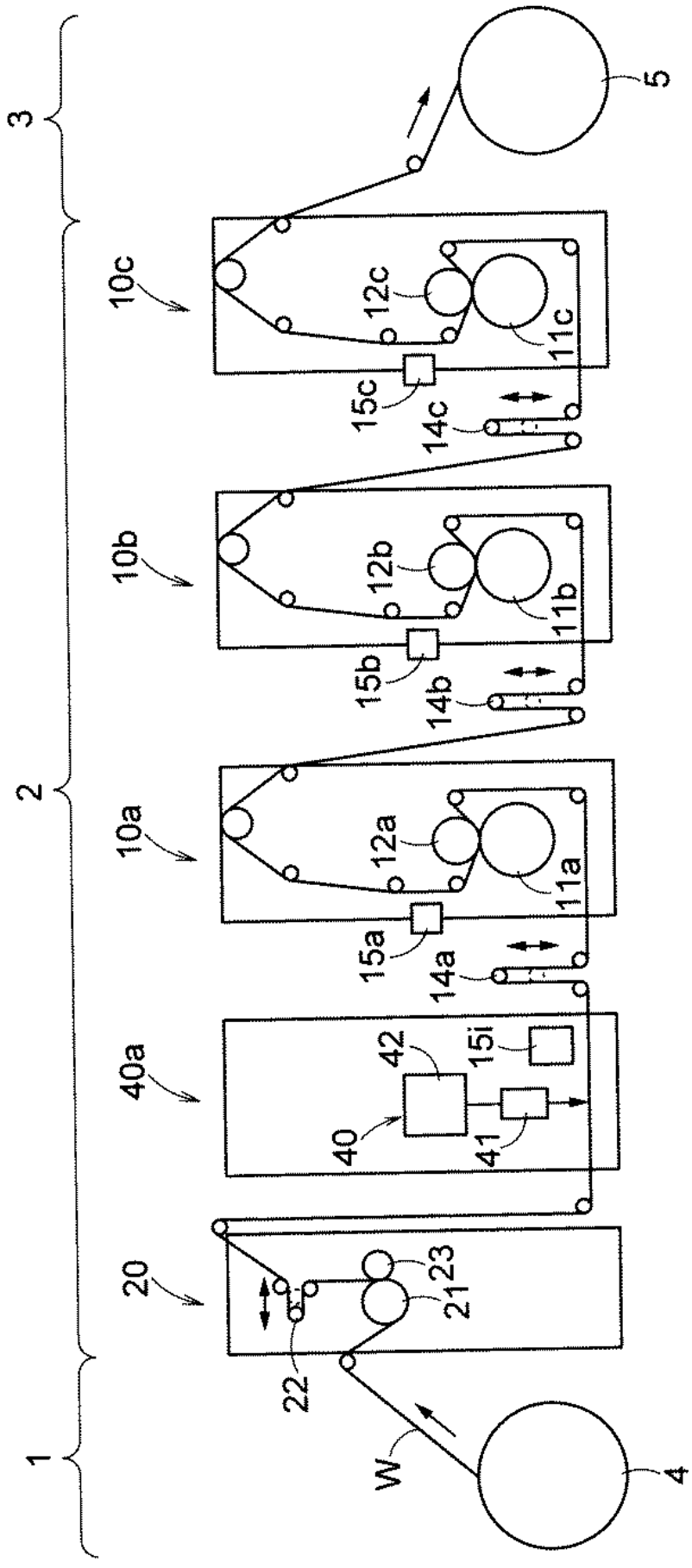
Family 55/100 - FAMPAT - ©Questel

Title

(JP2016215494)

Printer and printing method

Images



Publication data including kind & date

JP6554908 B2 2019-08-07 JP6554908

JP2016215494	A	2016-12-22	JP2016215494

Abstract

(JP2016215494)

PROBLEM TO BE SOLVED: To provide a printing method by which high-precision printing registering for inkjet printing and rotary printing can be efficiently performed.

SOLUTION: The printing method comprises: a step of printing a reference register mark on a printing object W using an inkjet printing device 40; a step of performing gravure-printing on the printing object using a plurality of gravure-printing units 10a, 10b, 10c and imparting a register mark to the printing object W; a step of detecting the reference register mark and the register mark respectively by register mark detection sensors 15a, 15b, 15c of the gravure-printing units 10a, 10b, 10c. The degrees of displacement of the reference register mark and the register mark on the printing object W detected by the register mark detection sensors 15a, 15b, 15c are calculated by a register control device, and the position of the printing object W is adjusted based on the calculated degrees of displacement.

SELECTED DRAWING: Figure 1

COPYRIGHT: (C)2017,JPO&INPIT

Inventors

WATANABE KOICHIRO

Latest standardized assignees - inventors removed

DAI NIPPON PRINTING

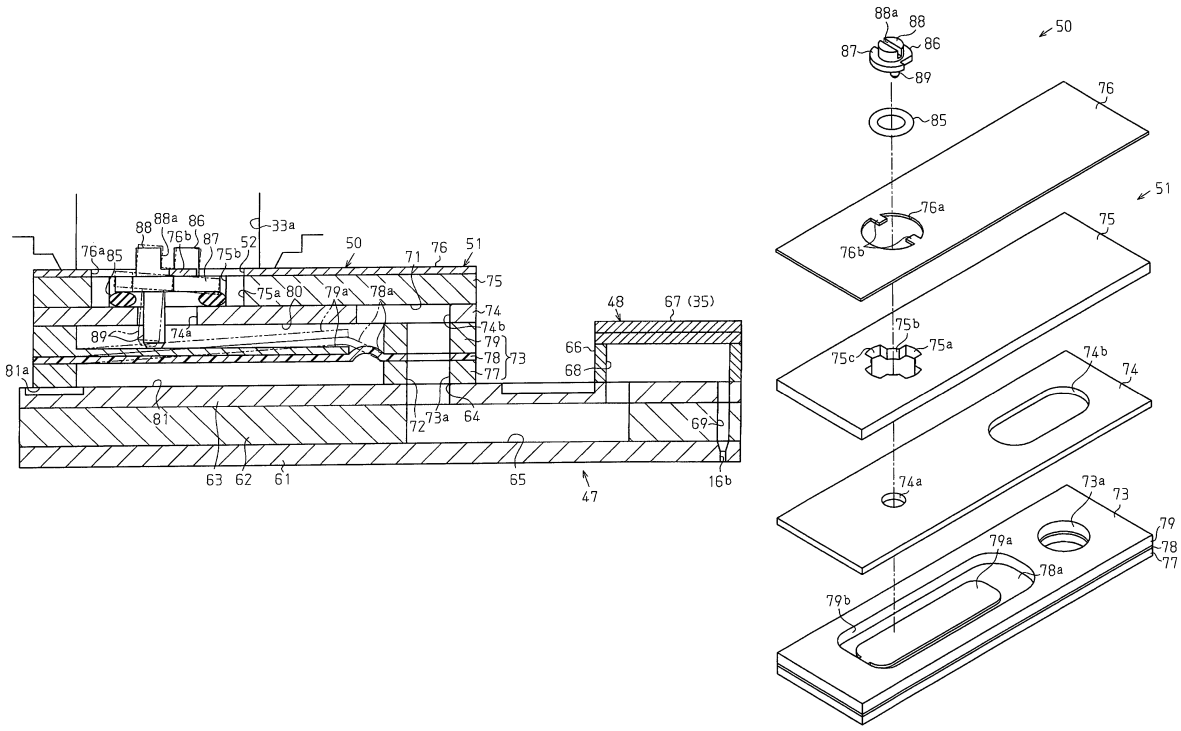
Family 56/100 - FAMPAT - ©Questel

Title

(US7837306)

Valve unit with pressure regulating valve assembled in laminate body

Images



Publication data including kind & date

CN1975224	B	2011-09-28	CN1975224B
JP4770429	B2	2011-07-01	JP4770429
CN101982314	A	2011-03-02	CN101982314
CN101982315	A	2011-03-02	CN101982315
US7837306	B2	2010-11-23	US7837306
US20070139488			

	A1	2007-06-21	US20070139488
JP2007144888	A	2007-06-14	JP2007144888
JP2007144887	A	2007-06-14	JP2007144887
CN1975224	A	2007-06-06	CN1975224
KR20070057025	A	2007-06-04	KR20070057025

Abstract

(US20070139488)

A valve unit includes a valve portion arranged in a laminate body operable to open and close a flow passage; a drive portion that generates drive force for driving the valve portion; and a transmission portion arranged between the valve portion and the drive portion for transmitting the drive force of the drive portion to the valve portion. The laminate body includes: a first plate member including the drive portion; and a second plate member including a hole functioning as part of the flow passage; and a third plate member arranged above the second plate member and including a plate spring so as to urge the valve portion to a closing position. The valve portion pivots and inclines about a position in contact with the plate spring based on the drive force from the drive portion.

Inventors

FUJISHIRO TAKESHI

Latest standardized assignees - inventors removed

SEIKO EPSON

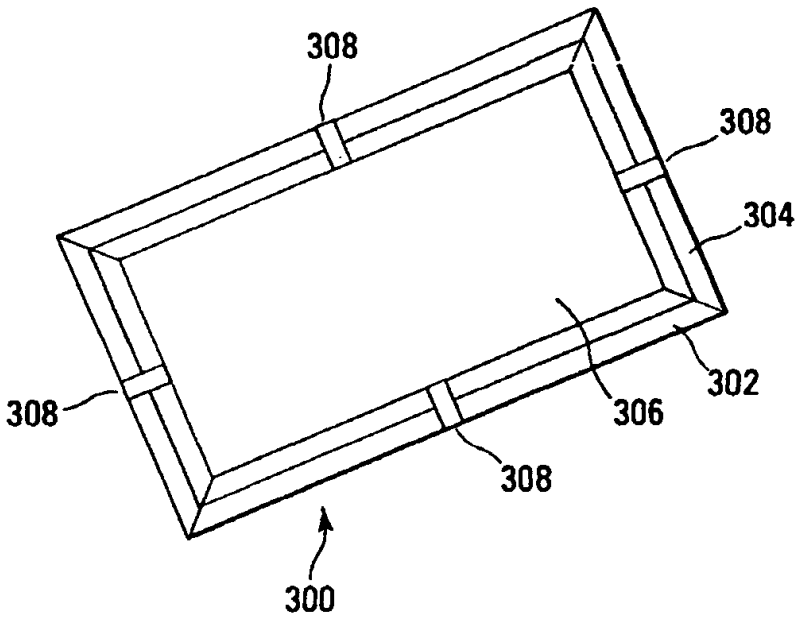
Family 57/100 - FAMPAT - ©Questel

Title

(EP2114674)

Apparatus and method for applying labels

Images



Publication data including kind & date

BRPI0720225	B1	2018-08-21	BRPI0720225
MY166345	A	2018-06-25	MY-166345
IN292280	B	2018-02-02	IN-292280
ES2548098	T3	2015-10-13	ES2548098
EP2114674	B1	2015-09-16	EP2114674

CA2671723	C	2015-05-19	CA2671723
KR101493537	B1	2015-02-13	KR101493537
JP5607366	B2	2014-09-05	JP5607366
CN101616803	B	2014-04-02	CN101616803B
BRPI0720225	A2	2013-12-24	BR200720225
EP2114674	A4	2012-11-07	EP2114674
AU2007328208	B2	2012-07-26	AU2007328208
RU2450935	C2	2012-05-20	RU2450935
RU2009125573	A	2011-01-20	RU2009125573
ZA200904294	B	2010-08-25	ZA200904294
CO6190631	A2	2010-08-19	CO6190631
JP2010511545	A	2010-04-15	JP2010511545
CN101616803	A	2009-12-30	CN101616803
EP2114674	A1	2009-11-11	EP2114674
KR20090105923	A	2009-10-07	KR20090105923
IN1084/MUMNP/2009	A	2009-06-19	IN2009MN01084
MX2009006067	A	2009-06-16	MX2009006067
WO2008/070119	B1	2008-07-24	WO200870119
WO2008/070119	A1	2008-06-12	WO200870119
AU2007328208	A1	2008-06-12	AU2007328208
CA2671723	A1	2008-06-12	CA2671723

Abstract

(EP2114674)

A method and apparatus enables linered label applicators to use labels on thin liners. Lined labels comprise a composite of an elongate sheet of thin or light-weight temporary liner having a precut label adhered to a low adhesion surface. The cut-out labels on the liner are fed into the linered label applicator. The use of support mechanisms other then vacuum application on rollers enables the use of thinner liner sheets on labels. A die head for cutting or perforating labels comprising adhesive on label stock comprising a die head having at least 80% of its outer surface comprising flat areas between cutting edges, multiple cutting edges on the outer surface, and an internal volume in the die head, the internal volume for carrying coolant liquid into and out of the volume so as to cool the outer surface of the die head when the coolant temperature is at least 10°C cooler than the outer surface of the die head.

Inventors

PHILLIPS ROBERT

Latest standardized assignees - inventors removed

AVERY DENNISON

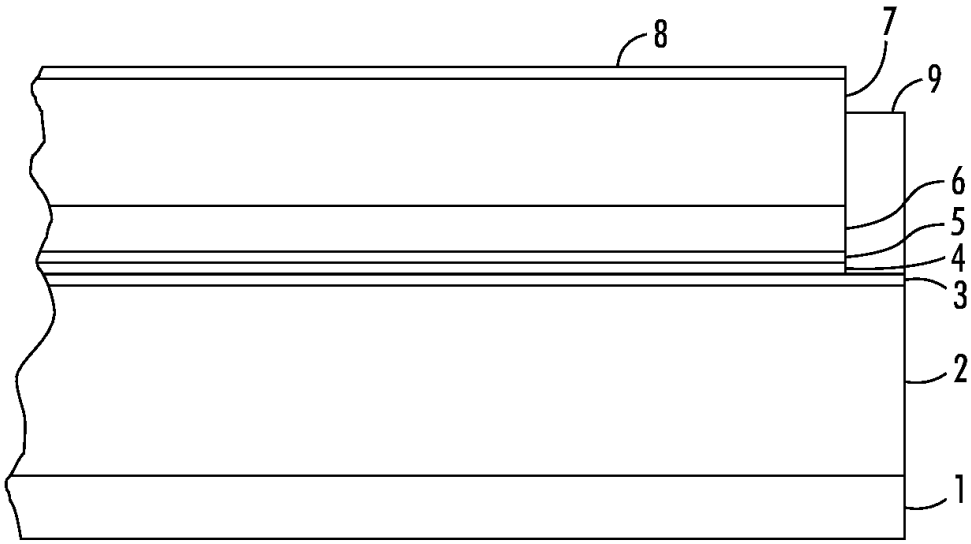
Family 58/100 - FAMPAT - ©Questel

Title

(US8119315)

Imaging members for ink-based digital printing comprising structured organic films

Images



Publication data including kind & date

KR101835145	B1	2018-03-06	KR101835145
JP5705058	B2	2015-03-06	JP5705058
CA2748106	C	2013-11-26	CA2748106
KR20120022625	A	2012-03-12	KR20120022625
JP2012042947	A	2012-03-01	JP2012042947
US8119315	B1	2012-02-21	US8119315
US20120040283	A1	2012-02-16	US20120040283
CA2748106	A1	2012-02-12	CA2748106

Abstract

(US20120040283)

An imaging member for ink-based digital printing having an outermost layer including a structured organic film (SOF) having a plurality of segments and a plurality of linkers arranged as a covalent organic framework, wherein the structured organic film may be multi-segment thick.

Inventors

HEUFT MATTHEW A
CHOW EUGENE M
COTE ADRIEN P
HU NAN-XING

Latest standardized assignees - inventors removed

XEROX

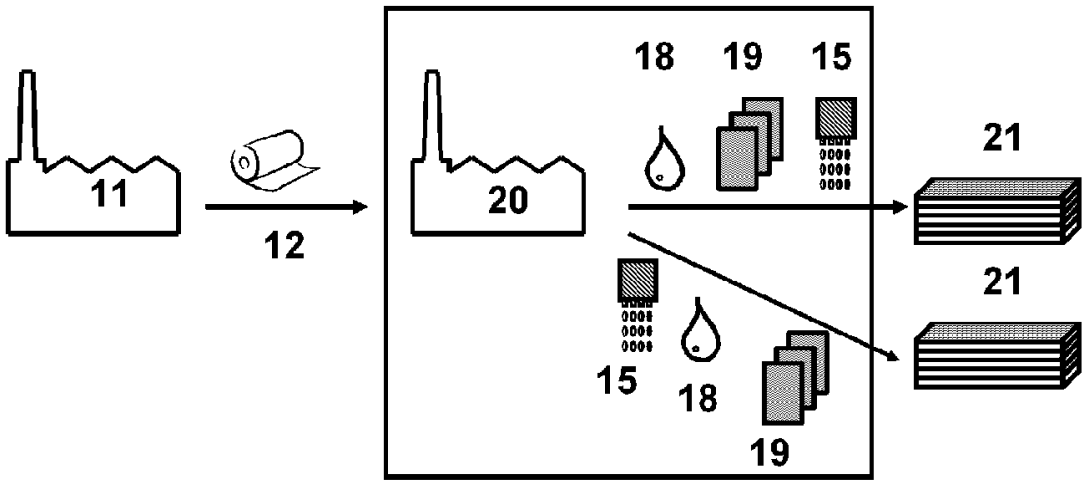
Family 59/100 - FAMPAT - ©Questel

Title

(EP3060406)

Manufacturing of decorative surfaces by inkjet

Images



Publication data including kind & date

CN105916698	B	2019-07-05	CN105916698B
CN105636795	B	2019-04-09	CN105636795B
RU2671903	C2	2018-11-07	RU2671903
AU2014339235	B2	2018-08-09	AU2014339235
AU2014339299	B2	2018-08-09	AU2014339299
US10022956	B2	2018-07-17	US10022956
RU2016119638	A3	2018-06-13	RU2016119638
RU2649545	C2	2018-04-03	RU2649545
EP2865527	B1	2018-02-21	EP2865527
RU2016119638	A	2017-11-28	RU2016119638
RU2016119683	A	2017-11-28	RU2016119683
BR112016008925	A2	2017-08-01	BR112016008925
BR112016008927	A2	2017-08-01	BR112016008927
EP3060406	A1	2016-08-31	EP3060406
IN201617013422	A	2016-08-31	IN201617013422
IN201617013739	A	2016-08-31	IN201617013739
CN105916698	A	2016-08-31	CN105916698
US20160207307	A1	2016-07-21	US20160207307
US20160193857	A1	2016-07-07	US20160193857
CN105636795	A	2016-06-01	CN105636795
BR112016008925	A1	2016-05-03	BR112016008925
BR112016008927	A1	2016-05-03	BR112016008927
AU2014339299	A1	2016-02-18	AU2014339299
AU2014339235	A1	2016-02-11	AU2014339235
WO2015/058865	A1	2015-04-30	WO201558865
WO2015/058974	A1	2015-04-30	WO201558974
CA2919112	A1	2015-04-30	CA2919112
CA2919367	A1	2015-04-30	CA2919367
EP2865527	A1	2015-04-29	EP2865527

Abstract

(EP3060406)

A method for manufacturing decorative surfaces including the steps of: inkjet printing (15) a colour pattern with one or more aqueous inkjet inks including a polyurethane based latex binder; impregnating (18) a paper substrate with a thermosetting

resin; and heat pressing (21) the thermosetting resin impregnated paper substrate carrying the inkjet printed colour pattern into a decorative surface.

Inventors

DE MONDT ROEL

MEERSSEMAN LAURENT

Latest standardized assignees - inventors removed

AGFA

UNILIN

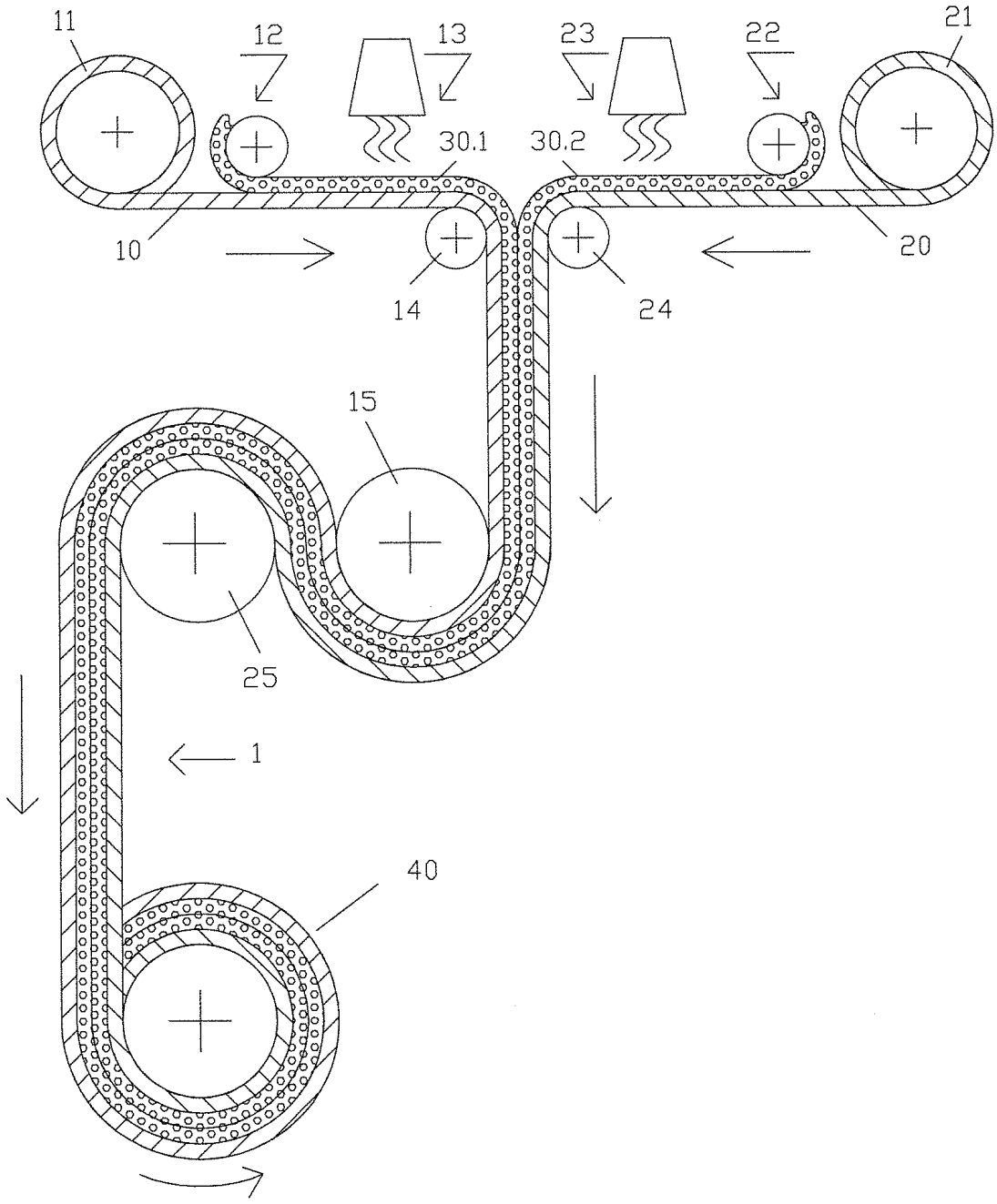
Family 60/100 - FAMPAT - ©Questel

Title

(EP2794283)

Method for producing a print carrier

Images



Publication data including kind & date

EP2821241	A1	2015-01-07	EP2821241
EP2794283	A1	2014-10-29	EP2794283
WO2013/092767	A1	2013-06-27	WO201392767
WO2013/092768	A1	2013-06-27	WO201392768
US20130156987	A1	2013-06-20	US20130156987

Abstract

(EP2794283)

In the case of a method for producing a print carrier (400, 400') which is joined together in a coplanar manner from at least two sheet-like print-carrier sub-webs, wherein, for one of the print-carrier sub-webs, use is made of a multi-layered material with two cover layers (200, 300) and an amorphous adhesive-containing substance (320) which connects these cover layers to one another, wherein, the one print-carrier sub-web has a smaller thickness along a peripheral strip than elsewhere, wherein the other print-carrier sub-web is a paper web (100) which has a smaller thickness along a peripheral strip (130) than elsewhere, and wherein the two print-carrier sub-webs are connected to one another in a coplanar manner along their two peripheral strips in a single pass of the webs, it is provided, according to the invention, that, in the same pass, it is also the case that the two cover layers are connected to one another in the form of cover-layer webs by lamination to form the one print-carrier sub-web, and in that the smaller thickness of this print-carrier sub-web along its peripheral strip is maintained by use being made of cover-layer webs of different widths or by the cover-layer webs being connected to one another in a state in which they are offset laterally in relation to one another.

Inventors

FISCHER JULES

Latest standardized assignees - inventors removed

FOFITEC

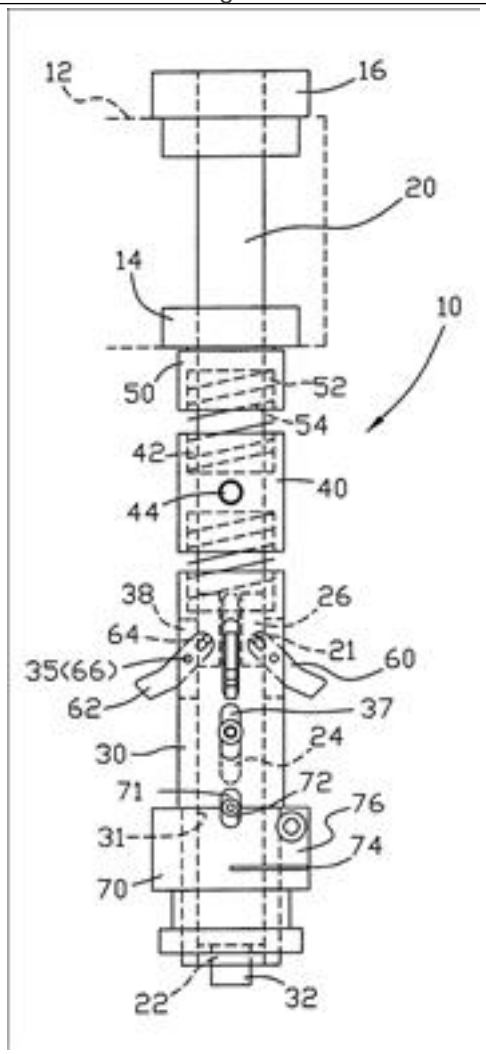
Family 61/100 - FAMPAT - ©Questel

Title

(EP-925192)

Thermal transfer printing incorporating a coating for printable plastic films

Images



Publication data including kind & date

ES2184125	T3	2003-04-01	ES2184125
DE69715889	T2	2003-02-20	DE69715889
DE69715889	D1	2002-10-31	DE69715889
EP0925192	B1	2002-09-25	EP-925192
BR9711760	A	2002-03-05	BR9711760
BRPI9711760	A1	2002-03-05	BRPI9711760
JP2001500807	A	2001-01-23	JP2001500807
KR20000036043	A	2000-06-26	KR20000036043
AR009745	A1	2000-05-03	AR---9745
AU713188	B2	1999-11-25	AU-713188
EP0925192	A4	1999-11-10	EP-925192
CN1232428	A	1999-10-20	CN1232428
VN3535	A	1999-09-25	VN---3535
EP0925192	A1	1999-06-30	EP-925192
US5891552	A	1999-04-06	US5891552
TW345545	B	1998-11-21	TW-345545
ID19374	A	1998-07-02	ID--19374
AU3820197	A	1998-04-02	AU9738201
WO98/10938	A1	1998-03-19	WO9810938
CA2265543	A1	1998-03-19	CA2265543

Abstract

(EP0925192)

A process for thermal transfer printing on plastic films incorporating a coating composition is provided. The process

includes providing plastic film having a coating composition including a binder of a polymer and/or copolymer of carboxylic acid containing vinylic unsaturation, at least one finely divided particulate filler, and a surface active agent. A thermographic element such as a ribbon which includes a dye layer is then heated in the form of an image to be printed onto the plastic film, with the heating causing the dye layer to melt in the form of the image. The plastic film coated with the coating composition is contacted with the thermographic ribbon, and the dye layer is transferred from the ribbon to the plastic film. Such thermal transfer printing on coated plastic films provides for a multitude of uses such as plastic labels for outdoor use.

Inventors

LU PANG-CHIA

MUSCLOW GORDON LEONARD

Latest standardized assignees - inventors removed

EXXONMOBIL OIL

Family 62/100 - FAMPAT - ©Questel

Title

(EP-222680)

A method of producing a foam from a radiation-curable composition.

Images

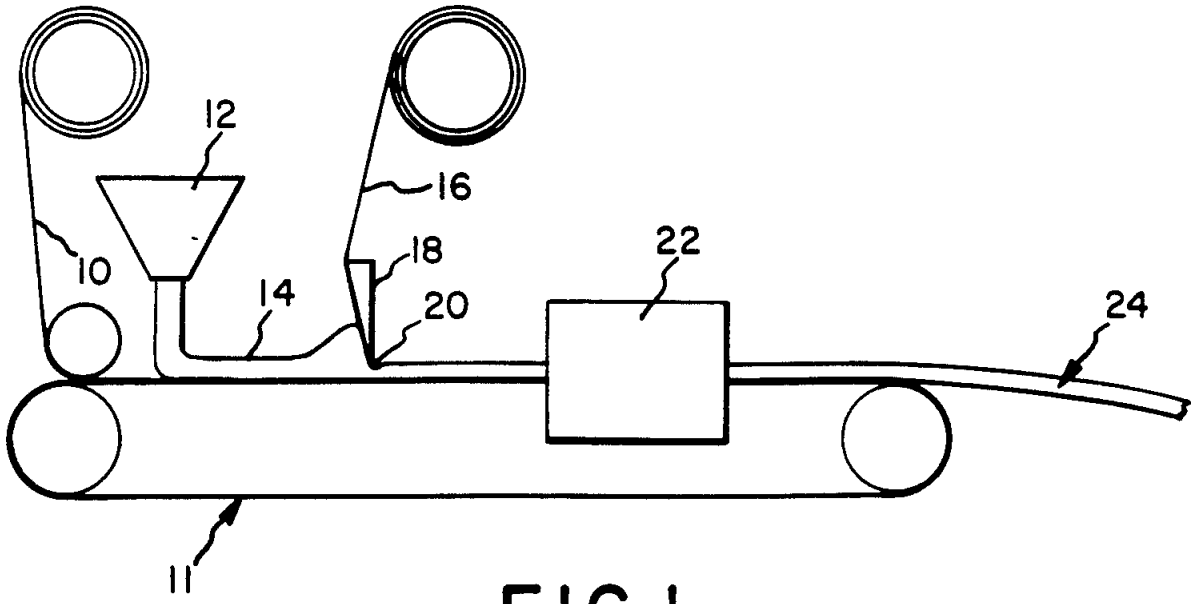


FIG. 1

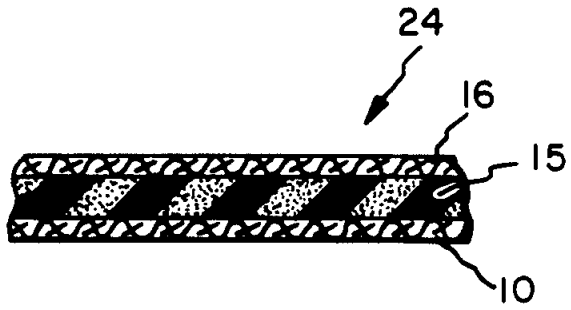


FIG. 2

Publication data including kind & date

BRPI8605420	B1	2018-03-27	BRPI8605420
JP2635030	B2	1997-07-30	JP2635030

JPH09174733	A	1997-07-08	JP09174733
JPH07258978	A	1995-10-09	JP07258978
DE3650022	T2	1994-11-24	DE3650022
DE3650022	D1	1994-09-15	DE3650022
EP0222680	B1	1994-08-10	EP-222680
AU651098	B2	1994-07-14	AU-651098
KR940003260	B1	1994-04-16	KR940003260
BRPI8605420	A1	1993-03-02	BRPI8605420
CA1311718	C	1992-12-22	CA1311718
CN1019198	B	1992-11-25	CN1019198B
AU7590291	A	1991-08-01	AU9175902
AU605751	B2	1991-01-24	AU-605751
EP0222680	A3	1988-10-26	EP-222680
US4771078	A	1988-09-13	US4771078
US4767793	A	1988-08-30	US4767793
BR8605420	A	1987-08-11	BR8605420
KR19870004830	A	1987-06-01	KR19870004830
JPS62119236	A	1987-05-30	JP62119236
EP0222680	A2	1987-05-20	EP-222680
CN86107711	A	1987-05-20	CN86107711
AU6501086	A	1987-05-14	AU8665010

Abstract

(EP0222680)

This invention relates to a process of producing a cured foamed polymer by mechanically frothing a radiation-curable composition and curing the frothed composition with radiation and using such foams in graphic art devices such as compressible printing blankets. It also relates to uses of unfoamed radiation-cured polymer in graphic art devices.

Inventors

SCHISLER ROBERT CHARLES
DOWNEY RAYMOND EDWARD
LORENZ HAROLD KRAIG
JERNIGAN SHIRLEY HERBERT JR
DORRINGTON PAUL ANTHONY
SYLVIA JOHN JR

Latest standardized assignees - inventors removed

PT SUB

Family 63/100 - FAMPAT - ©Questel

Title

(US6006661)

Stamp-making apparatus, as well as function changeover mechanism, exposure system and stamp-making object material-detecting device therefor

Images

FIG. 1A

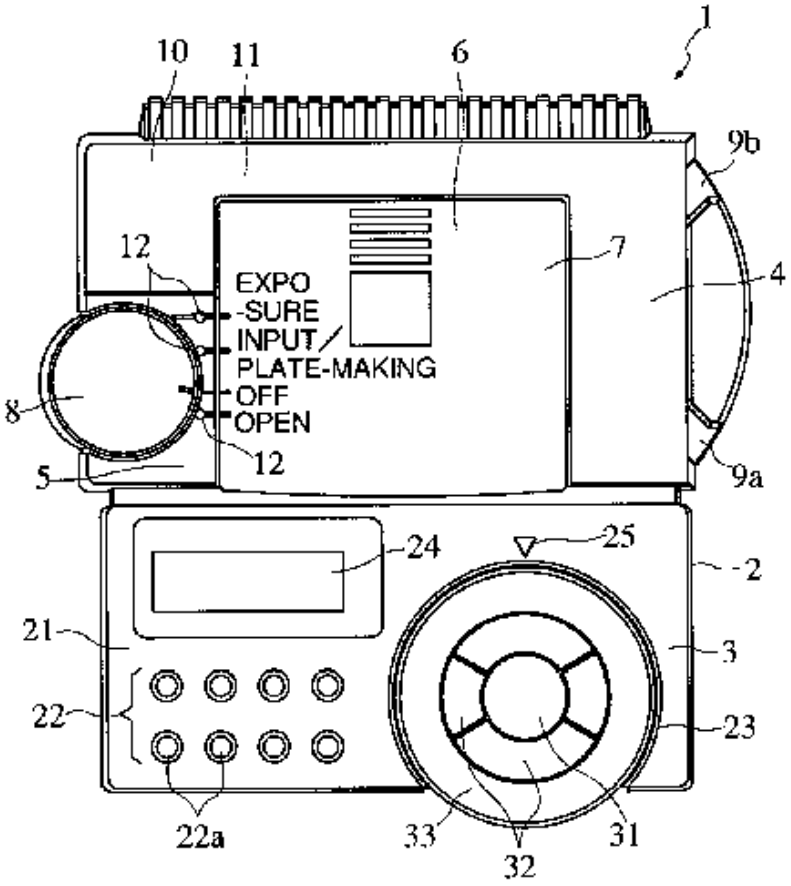
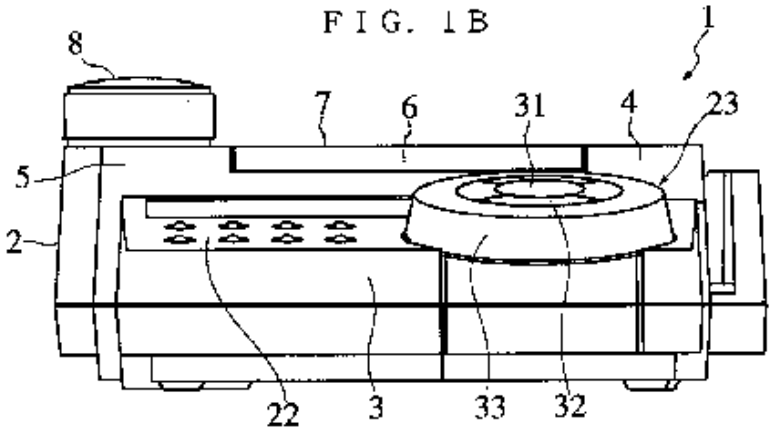


FIG. 1B



Publication data including kind & date

US6152624	A	2000-11-28	US6152624
US6006661	A	1999-12-28	US6006661

Abstract

(US6006661)

A stamp-making apparatus is provided in which a transparent presser plate is arranged such that the presser plate is parallel with a stamp-making object material, an ink ribbon having a stamp image formed thereon is urged against the stamp-making object material via the presser plate, and exposure of the stamp-making object material to light is carried out via the ink ribbon as a mask. A ribbon feeder rolls out an ink ribbon wound around one end portion thereof to a position facing the stamp-making object material, and then rolls up the ink ribbon around another end portion thereof. A relative translation of the presser plate and the stamp-making object material is made toward each other by moving at least one of

the presser plate and the stamp-making object material to thereby urge the ink ribbon against the stamp-making object material. A guide guides the ink ribbon when the ink ribbon is fed, to space between the presser plate and the stamp-making object material. Tension of the ink ribbon is regulated in a manner linked to operation of the relative translation of the presser plate and the stamp-making object material made toward each other.

Inventors

TUKAHARA EIJI
OIKAWA HIDEKI
NAKAJIMA KENICHI
KURIYAMA HIROSHI
WATANABE KENJI
KAMEDA TAKANOBU
AIDA CHIEKO
SHIMMURA TOMOYUKI

Latest standardized assignees - inventors removed

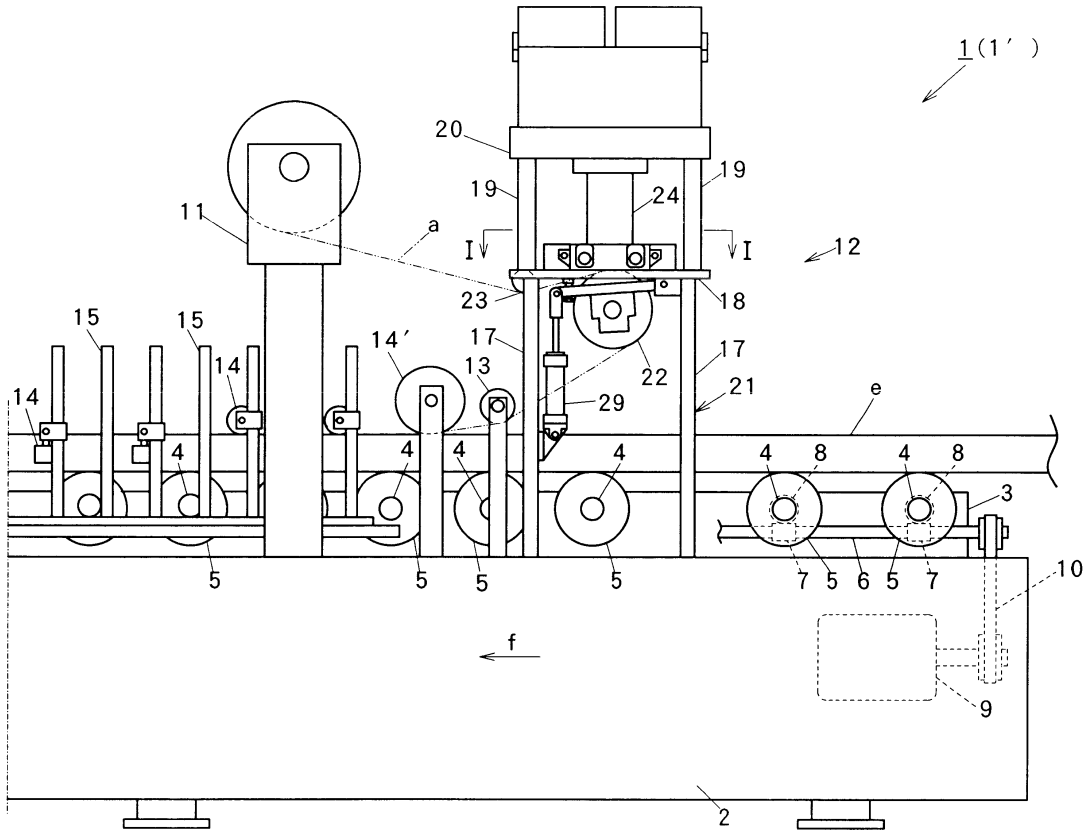
SEIKO EPSON

Family 64/100 - FAMPAT - ©Questel

Title

(EP-930234)
Method and apparatus for wrapping elongate articles

Images



Publication data including kind & date

TW563689	U	2003-11-21	TW-563689U
HK1021722	A1	2003-03-07	HK1021722
ES2182457	T3	2003-03-01	ES2182457
PT930234	E	2003-02-28	PT-930234

DE69903199	T2	2003-02-06	DE69903199
CN1094105	C	2002-11-13	CN1094105C
DE69903199	D1	2002-11-07	DE69903199
AT225280	T	2002-10-15	ATE225280
EP0930234	B1	2002-10-02	EP-930234
US6389782	B1	2002-05-21	US6389782
KR100329079	B1	2002-03-18	KR100329079
AU743844	B2	2002-02-07	AU-743844
JP2971846	B2	1999-11-08	JP2971846
KR19990068084	A	1999-08-25	KR19990068084
CN1225879	A	1999-08-18	CN1225879
AU1128099	A	1999-08-05	AU9911280
JP11198590	A	1999-07-27	JP11198590
ID21746	A	1999-07-22	ID--21746
EP0930234	A1	1999-07-21	EP-930234



Abstract

(EP0930234)

A method and an apparatus for wrapping an elongated article with using a tranfer printing film (a) are provided. A transfer printing film comprising a substrate film (b1) and a pattern-decorated transfer layer (c) on the substrate film is drawn out from a roll thereof, and fed to a surface of the article which is conveyed horizontally by the convey rollers. The printing film is subject to an adhesive application during the travel to the article on the rollers. A hot melt type adhesive (d) is employed as the adhesive, which type of adhesive can be easily regulated in thickness by an applicator. The printing film (a) adheres to the article by the thick hot melt type adhesive to the article surface, and pressed with heat to transfer the decorated transfer layer (c) with adhesive together integrally. Peeling off the substrate film (b1) finally, a smooth, quality and decrated article with a pattern such as the grain of wood or stone is obtained superior in appearance, because the thick hot melt type adhesion between the transfer layer and the article satisfactorily cover the cracks, flaws, roughness of the article.

Inventors

KINUGAWA MASAAKI

SATO KAZUYA

Latest standardized assignees - inventors removed

KURZ JAPAN

NAVITAS

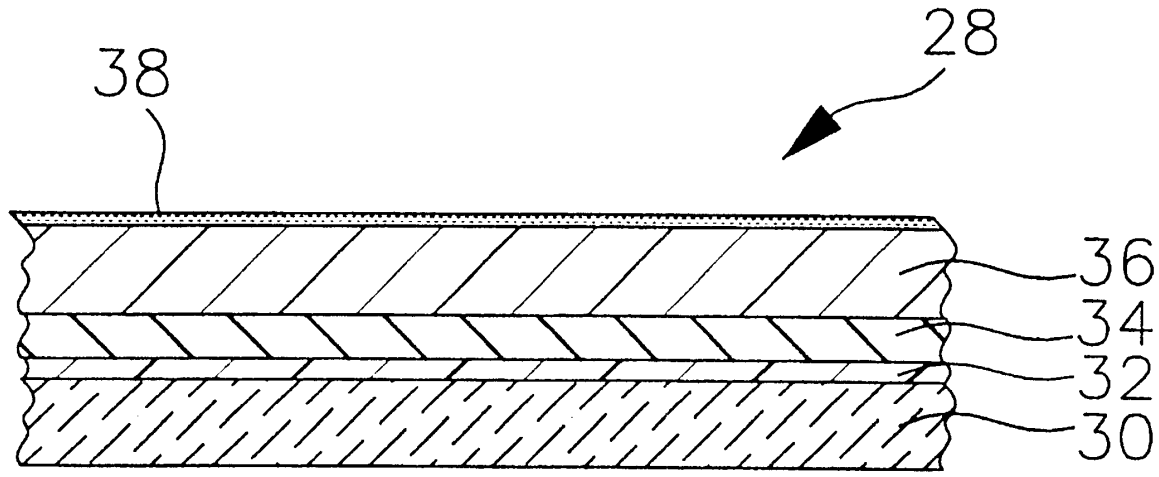
Family 65/100 - FAMPAT - ©Questel

Title

(EP1569188)

Prelaminate pressure-sensitive adhesive constructions

Images



Publication data including kind & date

EP1569188	A3	2012-09-19	EP1569188
DE69935506	T2	2007-10-18	DE69935506
DE69935506	D1	2007-04-26	DE69935506
EP1066613	B1	2007-03-14	EP1066613
DE69733761	T2	2006-06-01	DE69733761
ES2242235	T3	2005-11-01	ES2242235
US20050191486	A1	2005-09-01	US20050191486
EP1569188	A2	2005-08-31	EP1569188
DE69733761	D1	2005-08-25	DE69733761
AT299797	T	2005-08-15	ATE299797
EP0929399	B1	2005-07-20	EP-929399
US6890400	B2	2005-05-10	US6890400
CN1155929	C	2004-06-30	CN1155929C
CN1133971	C	2004-01-07	CN1133971C
US20030198737	A1	2003-10-23	US20030198737
BRPI9711572	B1	2003-07-22	BR9711572
US6562402	B2	2003-05-13	US6562402
AU757415	B2	2003-02-20	AU-757415
US20020197398	A1	2002-12-26	US20020197398
DE69713115	T2	2002-11-28	DE69713115
ES2175466	T3	2002-11-16	ES2175466
US6461707	B1	2002-10-08	US6461707
DE69713115	D1	2002-07-11	DE69713115
AT218735	T	2002-06-15	ATE218735
EP0928475	B1	2002-06-05	EP-928475
IL129025	B	2002-05-23	IL-129025
US20020041945	A1	2002-04-11	US20020041945
IL138735	A	2001-10-31	IL-138735
BR9909895	A	2001-10-30	BR9909895
BRPI9909895	A1	2001-10-30	BRPI9909895
CN1301376	A	2001-06-27	CN1301376
EP1066613	A1	2001-01-10	EP1066613
AU721110	B2	2000-06-22	AU-721110
IL129025	A	2000-02-17	IL-129025
AU715370	B2	2000-02-03	AU-715370

CN1235686	A	1999-11-17	CN1235686
AU3211199	A	1999-10-18	AU9932111
WO99/49440	A1	1999-09-30	WO9949440
CA2326115	A1	1999-09-30	CA2326115
BR9711568	A	1999-08-24	BR9711568
BRPI9711568	A1	1999-08-24	BRPI9711568
BR9711572	A	1999-08-24	BR9711572
BRPI9711572	A1	1999-08-24	BRPI9711572
EP0929399	A2	1999-07-21	EP-929399
EP0928475	A1	1999-07-14	EP-928475
WO98/13199	A3	1998-06-04	WO9813199
AU4598597	A	1998-04-17	AU9745985
AU4599297	A	1998-04-17	AU9745992
WO98/13199	A2	1998-04-02	WO9813199
WO98/13810	A1	1998-04-02	WO9813810
CA2266675	A1	1998-04-02	CA2266675
CA2266676	A1	1998-04-02	CA2266676

Abstract

(EP1569188)

Prelaminate pressure-sensitive adhesive (PSA) constructions comprise a first substrate, a coating of release material on a surface of the first substrate, a PSA layer disposed on the coating of release material, and a detackified layer (DL) disposed on a surface of the PSA layer to form a continuous film covering the PSA layer. In first and second embodiments of the construction the DL is activatable to form a tacky layer on top of the PSA layer for lamination with a second substrate. In a third embodiment, the DL includes constituents that when activated migrate into the PSA layer to expose the PSA layer tacky surface for lamination with a second substrate. The prelaminate PSA constructions are completely nonblocking to a minimum 24 hour blocking temperature of about 50°C at pressure of about 40 kilopascals, thereby allowing such prelaminate PSA construction to be collected, stored, and/or transported before being laminated without adhesive interference occurring between continuous layers. The DL in each embodiment is activatable in less than five seconds to provide a tacky layer having a sufficient open tack time to permit lamination at less than about 100°C.

Inventors

MIEKKA FREDERICK N

SCHOLZ WILLIAM F

VERHINES RICHARD

CONTI NORMAN A

JOSEPHY KARL

Latest standardized assignees - inventors removed

AVERY DENNISON

Family 66/100 - FAMPAT - ©Questel

Title

(EP2938189)

Controlled release compositions and methods of using

Images

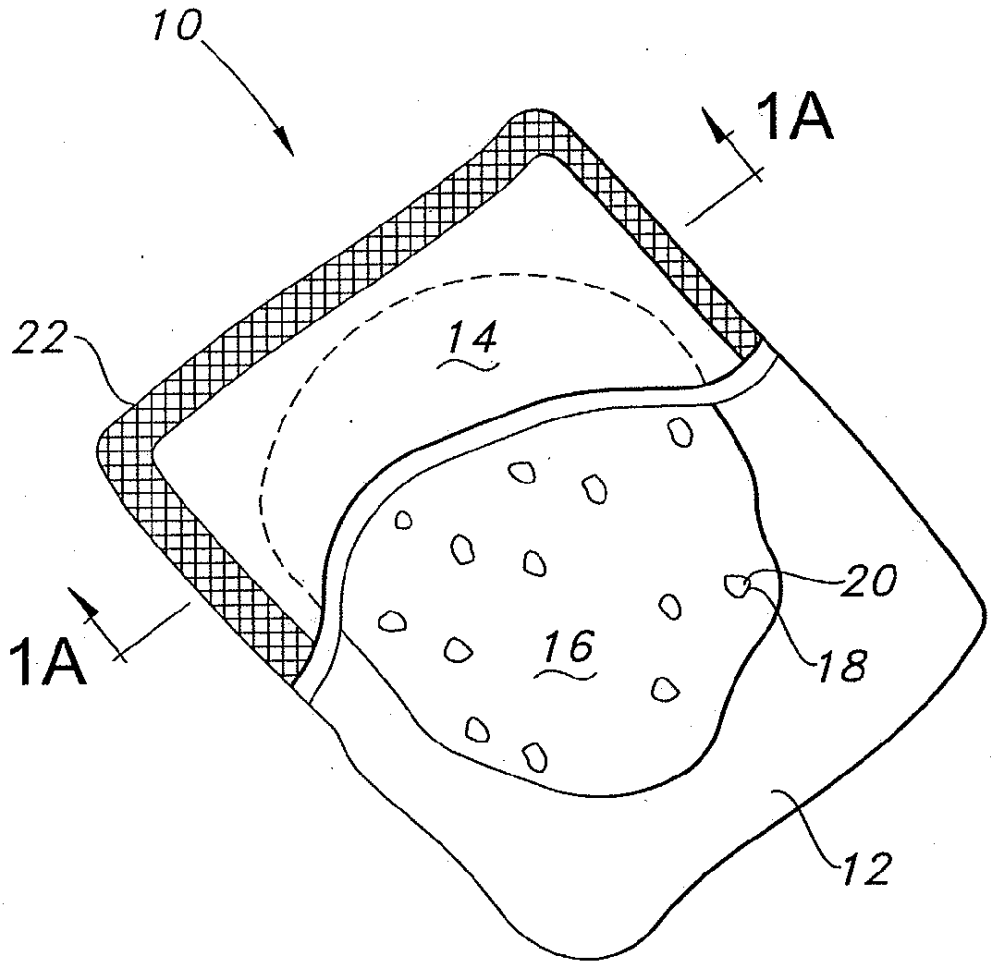


FIG. 1

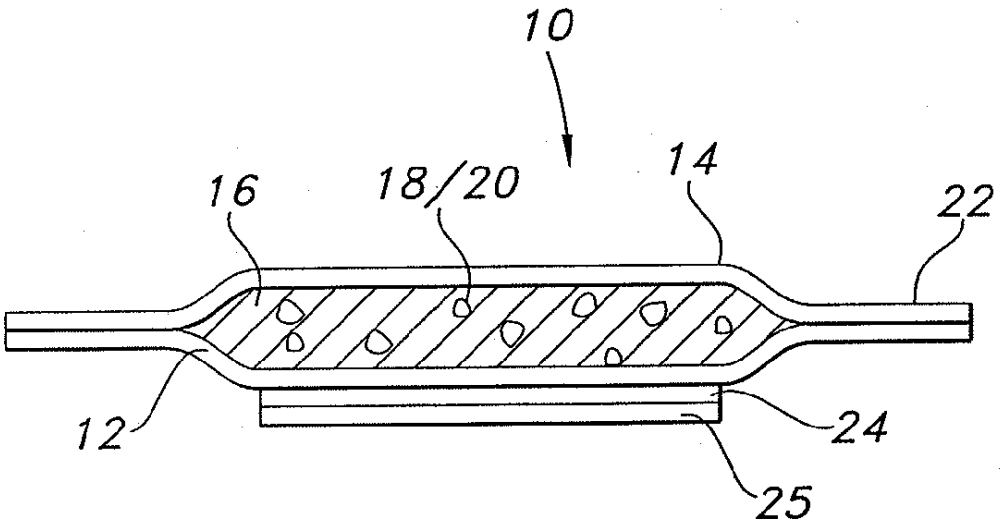


FIG. 1A

Publication data including kind & date

TWI646897 B 2019-01-11 TWI646897

BR112015012670	A2	2018-12-18	BR112015012670
JP6422926	B2	2018-11-14	JP6422926
BR112015012670	A1	2018-09-25	BR112015012670
PL2938189	T3	2018-05-30	PL2938189
IL238943	B	2018-04-30	IL-238943
ES2659955	T3	2018-03-20	ES2659955
CN104936447	B	2018-03-06	CN104936447B
EP2938189	B1	2017-11-15	EP2938189
JP2017071221	A	2017-04-13	JP2017071221
JP6023348	B2	2016-10-14	JP6023348
HK1215785	A1	2016-09-15	HK1215785
CA2867732	C	2016-08-16	CA2867732
HK1214922	A1	2016-08-12	HK1214922
RU2591453	C1	2016-07-20	RU2591453
IN3771/CHENP/2015	A	2016-07-01	IN2015CN03771
CL2015001469	A1	2016-04-29	CL1469201500
KR101606835	B1	2016-03-28	KR101606835
JP2016504296	A	2016-02-12	JP2016504296
MX2015006843	A	2016-01-12	MX2015006843
EP2938189	A4	2015-11-11	EP2938189
EP2938189	A1	2015-11-04	EP2938189
CN104936447	A	2015-09-23	CN104936447
KR20150097561	A	2015-08-26	KR20150097561
AR094637	A1	2015-08-19	AR--94637
IL238943	A	2015-07-30	IL-238943
AU2013302242	B2	2014-07-24	AU2013302242
TW201427598	A	2014-07-16	TW201427598
AU2013302242	A1	2014-06-19	AU2013302242
WO2014/085518	A1	2014-06-05	WO201485518
CA2867732	A1	2014-06-05	CA2867732

Abstract

(EP2938189)

Cyclodextrin compositions, including a hydrophobic carrier and a cyclodextrin complex, are formed and disposed on a variety of substrates using conditions that avoid substantial loss of the complexed compound from the cyclodextrin complex, even where the complexed compound is a gas a common ambient temperatures (e.g. 20°C). Flexographic printing is particularly useful for disposing the cyclodextrin compositions on one or more substrates. Substrates treated with the cyclodextrin complexes are useful for subsequent release of the complexed compound.

Inventors

WOOD WILLARD E

YAHIAOUI ALI

Latest standardized assignees - inventors removed

KIMBERLY CLARK

CELLRESIN TECHNOLOGIES

Family 67/100 - FAMPAT - ©Questel

Title

(EP-921948)

Methods for producing a type of print capable of being erased, selectively cleaned and plasticized

Publication data including kind & date

JP2000516868	A	2000-12-19	JP2000516868
CN1234774	A	1999-11-10	CN1234774
EP0921948	A1	1999-06-16	EP-921948
FR2752772	B1	1998-10-23	FR2752772
AU4122097	A	1998-03-19	AU9741220
FR2752772	A1	1998-03-06	FR2752772
WO98/08689	A1	1998-03-05	WO9808689
CA2264897	A1	1998-03-05	CA2264897

Abstract

(EP0921948)

The aim of the invention is to produce a type of print which can be erased, selectively washed or cleaned, plasticized without handling via means of telecommunication, existing networks, and improving its physical or computer preservation. The print is produced on a substrate provided with a hydrophile coating, this substrate being made of a natural cellulose material or of a synthetic material, said substrate being impermeable, smooth or microporous in several degrees. It is a substrate on which it is possible to print, write, draw or reproduce and subsequently erase, correct, clean, totally or partially, dry, with water or chemical solvents or with hydrocarbons, relatively or absolutely and selectively. One or two printing levels can be used. The substrates having a hydrophile coating will, after printing, be coated with an impermeable transparent plastic film. These methods can be implemented and operated on communication networks already in existence or to be created.

Inventors

RIEUX JEAN-CLAUDE

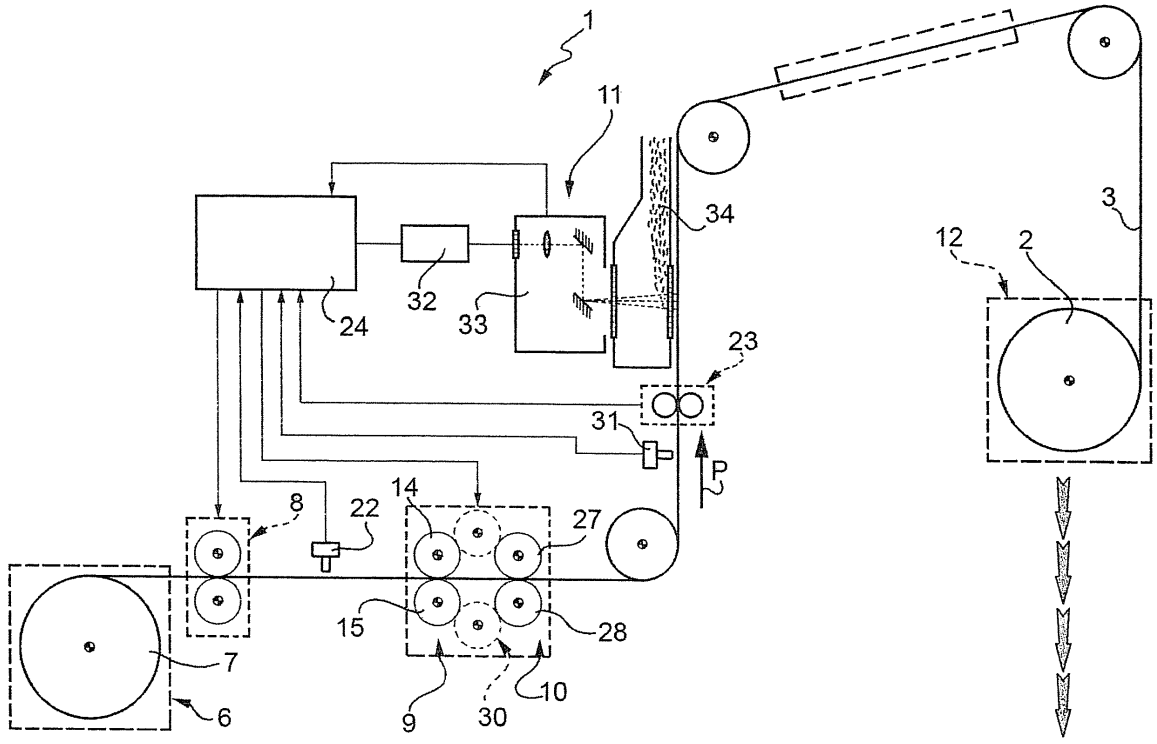
Family 68/100 - FAMPAT - ©Questel

Title

(EP2076442)

Process of manufacturing sealed packages containing a pourable food product and packaging equipment for performing such process

Images



Publication data including kind & date

IN292208	B	2018-02-02	IN-292208
IN2664/CHENP/2009	A	2016-08-31	IN2009CN02664
KR101429787	B1	2014-08-18	KR101429787
BRPI0716768	A2	2013-09-17	BR200716768
RU2445244	C2	2012-03-20	RU2445244
CN101528550	B	2012-01-25	CN101528550B
US8099933	B2	2012-01-24	US8099933
JP4827970	B2	2011-09-22	JP4827970
RU2009118612	A	2010-11-27	RU2009118612
JP2010506806	A	2010-03-04	JP2010506806
US20100016137	A1	2010-01-21	US20100016137
CN101528550	A	2009-09-09	CN101528550
EP2076442	A1	2009-07-08	EP2076442
KR20090066303	A	2009-06-23	KR20090066303
ES2319564	T3	2009-05-08	ES2319564
MX2009002005	A	2009-03-09	MX2009002005
DE602006004602	D1	2009-02-12	DE602006004602
AT419184	T	2009-01-15	ATE419184
EP1914168	B1	2008-12-31	EP1914168
WO2008/046896	A1	2008-04-24	WO200846896
EP1914168	A1	2008-04-23	EP1914168

Abstract

(EP2076442)

There is described a process of manufacturing sealed packages (5) containing a pourable food product from a web packaging material (3) moving along a predetermined path (P). The process comprises the steps of providing a recurring pattern of printed register marks (13) on the web packaging material (3); applying a recurring pattern (18) of bend or fold lines (19, 20, 21) on the web packaging material (3) as a function of the detected position of the printed register marks (13); generating new reference means (26, 26'), distinct from the bend or fold lines (19, 20, 21), on the web packaging material (3) in a synchronized way with the step of applying a recurring pattern (18) of bend or fold lines (19, 20, 21); and performing one or more subsequent operations on the web packaging material (3) based on a synchronization pulse created by detection of the new reference means (26, 26').

Inventors

BENEDETTI PAOLO

DO AMARAL NELCIO CARLOS

BENKOE GABOR

ASK GERT

DAHL MAGNUS

Latest standardized assignees - inventors removed

TETRA LAVAL HOLDINGS & FINANCE

Family 69/100 - FAMPAT - ©Questel

Title

(EP1820821)

Propylene resin composition and use thereof

Images

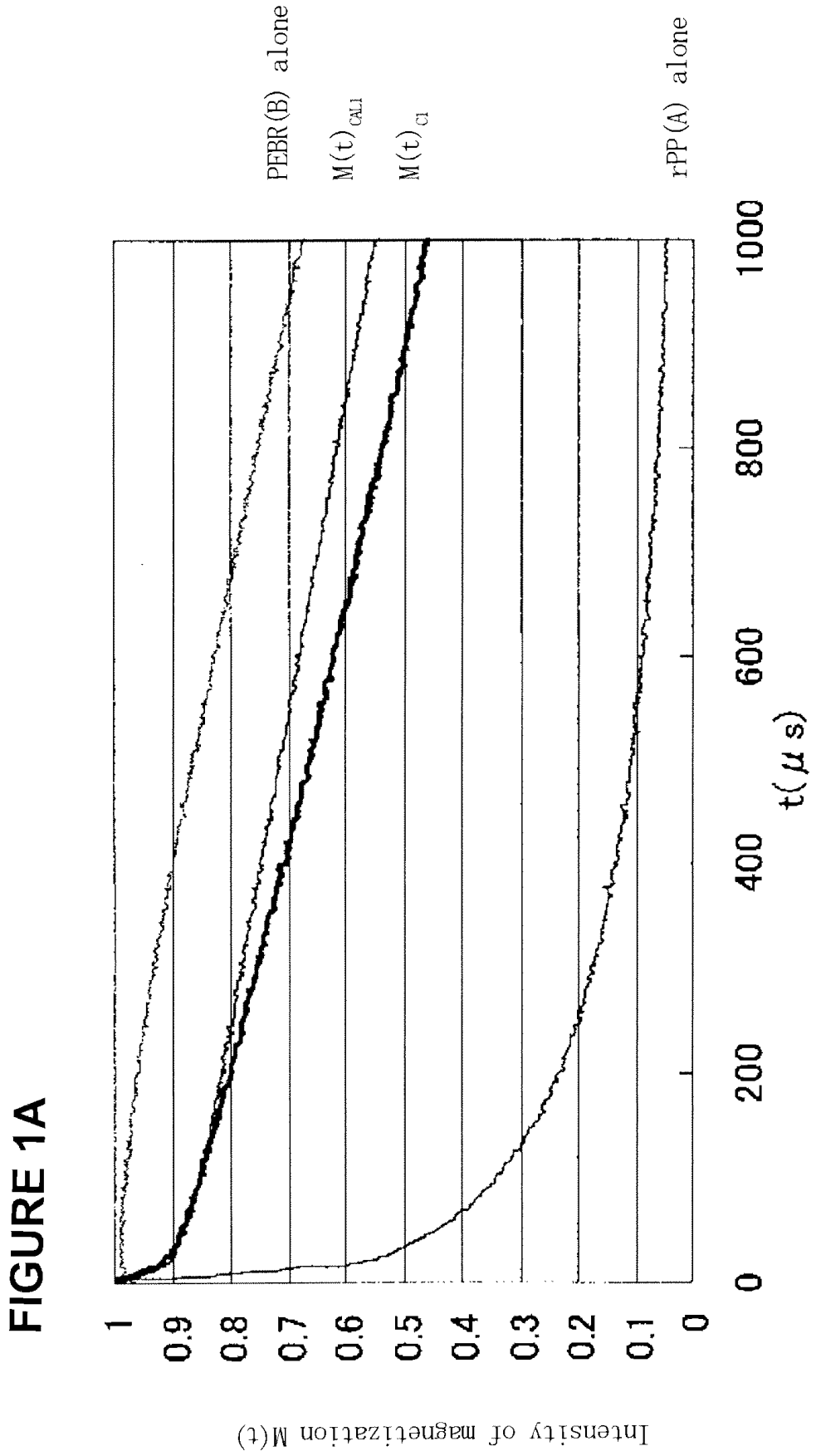


FIGURE 1A

Publication data including kind & date

CN104085160	B	2018-08-24	CN104085160B
US9969853	B2	2018-05-15	US9969853
US9963567	B2	2018-05-08	US9963567
US9908983	B2	2018-03-06	US9908983

CN104045912	B	2017-06-23	CN104045912B
CN104086900	B	2016-10-26	CN104086900B
US20160122492	A1	2016-05-05	US20160122492
CN104086901	B	2016-04-06	CN104086901B
US20160060407	A1	2016-03-03	US20160060407
US20160060443	A1	2016-03-03	US20160060443
US9217078	B2	2015-12-22	US9217078
JP5828872	B2	2015-10-30	JP5828872
EP2248848	B1	2015-07-15	EP2248848
US8962974	B2	2015-02-24	US8962974
US8946543	B2	2015-02-03	US8946543
JP5657757	B2	2014-12-05	JP5657757
CN104085160	A	2014-10-08	CN104085160
CN104086900	A	2014-10-08	CN104086900
CN104086901	A	2014-10-08	CN104086901
CN104045912	A	2014-09-17	CN104045912
JP5602805	B2	2014-08-29	JP5602805
CN102627803	B	2014-08-06	CN102627803B
JP5543550	B2	2014-05-16	JP5543550
JP5543551	B2	2014-05-16	JP5543551
JP5543552	B2	2014-05-16	JP5543552
JP5543553	B2	2014-05-16	JP5543553
JP2013256670	A	2013-12-26	JP2013256670
US8592674	B2	2013-11-26	US8592674
JP2013234334	A	2013-11-21	JP2013234334
EP2402392	B1	2013-09-18	EP2402392
EP2402393	B1	2013-08-28	EP2402393
JP5296907	B2	2013-06-21	JP5296907
JP5291291	B2	2013-06-14	JP5291291
US20130017351	A1	2013-01-17	US20130017351
US20130017379	A1	2013-01-17	US20130017379
JP2013010960	A	2013-01-17	JP2013010960
US20130011596	A1	2013-01-10	US20130011596
US20130011649	A1	2013-01-10	US20130011649
JP2013007045	A	2013-01-10	JP2013007045
EP2246390	B1	2012-12-26	EP2246390
US8338697	B2	2012-12-25	US8338697
JP2012229442	A	2012-11-22	JP2012229442
JP2012229443	A	2012-11-22	JP2012229443
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JP2012229445	A	2012-11-22	JP2012229445
CN102627803	A	2012-08-08	CN102627803
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EP2248852	B8	2012-05-16	EP2248852
AT552301	T	2012-04-15	ATE552301
EP2248852	B1	2012-04-04	EP2248852
AT547468	T	2012-03-15	ATE547468
EP1820821	B1	2012-02-29	EP1820821



EP2402392	A1	2012-01-04	EP2402392
EP2402393	A1	2012-01-04	EP2402393
EP2248848	A1	2010-11-10	EP2248848
EP2248852	A1	2010-11-10	EP2248852
EP2246390	A1	2010-11-03	EP2246390
KR100937693	B1	2010-01-20	KR100937693
KR100920710	B1	2009-10-09	KR100920710
EP1820821	A4	2009-07-08	EP1820821
KR20090032146	A	2009-03-31	KR20090032146
KR100886444	B1	2009-03-04	KR100886444
KR20080104050	A	2008-11-28	KR20080104050
KR20080043373	A	2008-05-16	KR20080043373
US20070251572	A1	2007-11-01	US20070251572
CN101065438	A	2007-10-31	CN101065438
KR20070084308	A	2007-08-24	KR20070084308
EP1820821	A1	2007-08-22	EP1820821
WO2006/057361	A1	2006-06-01	WO200657361
JPWO2006057361	A1	2006-06-01	JP2006057361W

Abstract

(EP1820821)

Means for solving the problems The thermoplastic resin composition (X1) of the present invention comprises (A1), (B1), (C1), and optionally (D1) below: 1 to 90 wt% of an isotactic polypropylene (A1); 9 to 98 wt% of a propylene/ethylene/±-olefin copolymer (B1) containing 45 to 89 mol% of propylene-derived structural units, 10 to 25 mol% of ethylene-derived structural units, and optionally, 0 to 30 mol% of C 4 -C 20 ±-olefin-derived structural units (a1); 1 to 80 wt% of a styrene-based elastomer (C1); and 0 to 70 wt% of an ethylene/±-olefin copolymer (D1) whose density is in the range of 0.850 to 0.910 g/cm 3 , wherein (A1)+(B1)+(C1)+(D1) = 100 wt%.

Inventors

HOYA HIROSHI
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INOUE NORIHIDE
UEHARA HIROSHI
SHIBA EIJI
YAMAGUCHI MASAYOSHI
KAWAMOTO MANABU
YAMASHITA AKIRA

Latest standardized assignees - inventors removed

MITSUI CHEMICALS

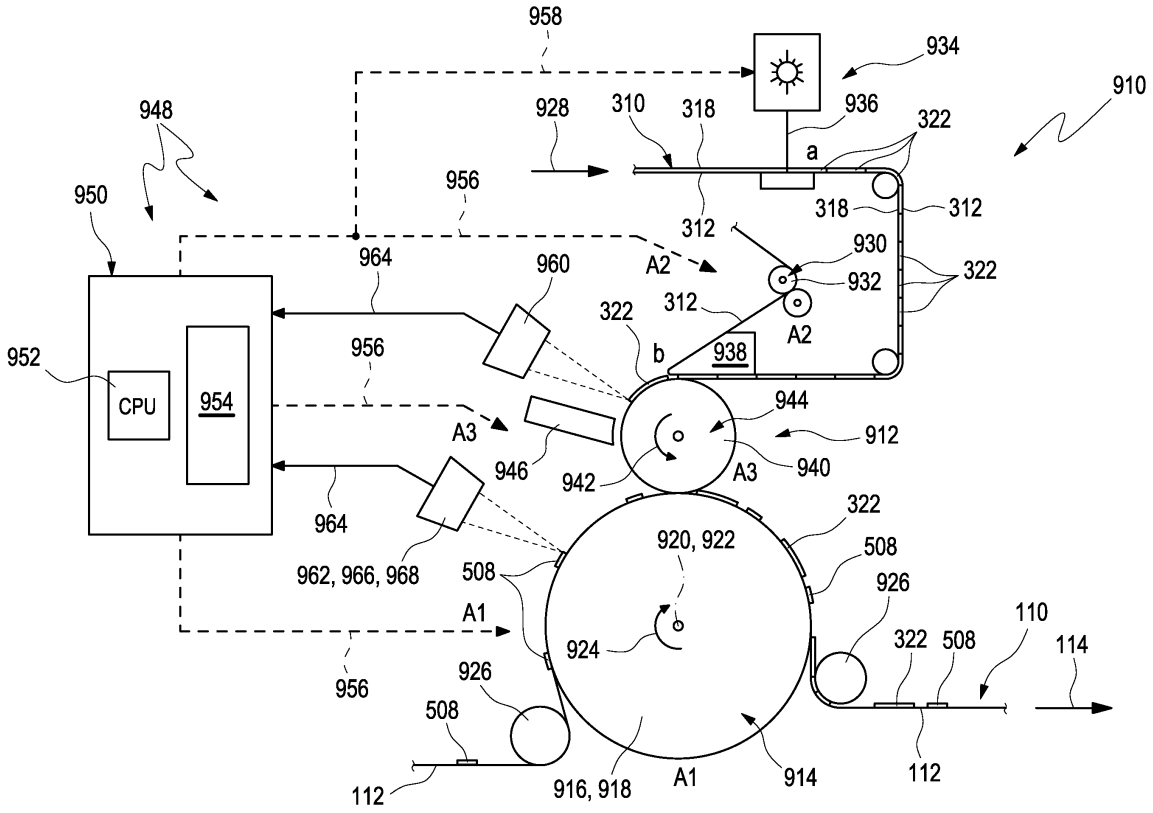
Family 70/100 - FAMPAT - ©Questel

Title

(EP2243711)

Manufacturing tape products with diagnostic item

Images



Publication data including kind & date

IN308786	B	2019-03-07	IN-308786
HK1170708	A1	2016-01-29	HK1170708
CN102459009	B	2015-03-25	CN102459009B
US8888942	B2	2014-11-18	US8888942
JP5612666	B2	2014-09-12	JP5612666
TWI429907	B	2014-03-11	TWI429907
CA2759827	C	2013-12-10	CA2759827
KR101331297	B1	2013-11-20	KR101331297
IN7550/CHENP/2011	A	2012-12-21	IN2011CN07550
ES2391063	T3	2012-11-21	ES2391063
US20120273112	A1	2012-11-01	US20120273112
DK2243711	T3	2012-10-22	DK2243711T
JP2012524568	A	2012-10-18	JP2012524568
PT2243711	E	2012-10-02	PT2243711
EP2243711	B1	2012-07-11	EP2243711
CN102459009	A	2012-05-16	CN102459009
KR20120005467	A	2012-01-16	KR20120005467
MX2011011010	A	2011-11-02	MX2011011010
TW201040527	A	2010-11-16	TW201040527
WO2010/122059	A1	2010-10-28	WO2010122059
CA2759827	A1	2010-10-28	CA2759827
EP2243711	A1	2010-10-27	EP2243711

Abstract

(EP2243711)

The method involves cutting a diagnostic functional layer (318) using a laser cutting device (934) e.g. carbon dioxide laser.

The diagnostic functional layer is converted into a diagnostic auxiliary label (322). The diagnostic auxiliary label is attached on a vacuum roller (940), and a position of the diagnostic auxiliary label is detected on the vacuum roller. A position of a carrier strip (112) is detected. The diagnostic auxiliary label is transferred onto the carrier strip according to the detected auxiliary label position and the strip position. An independent claim is also included for a device for manufacturing an analysis strip for a liquid sample.

(From EP2243711 A1)

Inventors

DAGENBACH RALF
HOFSTADT RONALD
LURG KLAUS
PFLAESTERER STEFAN
SCHWOEBEL WOLFGANG
VOELSCHOW ERIC
RENZ THOMAS
SPRUNG ULF
LAMPARTER MATTHIAS

Latest standardized assignees - inventors removed

ROCHE DIABETES CARE

Family 71/100 - FAMPAT - ©Questel

Title

(EP-917702)
Self-adhesive labels and manufacture thereof

Images

FIG. 1

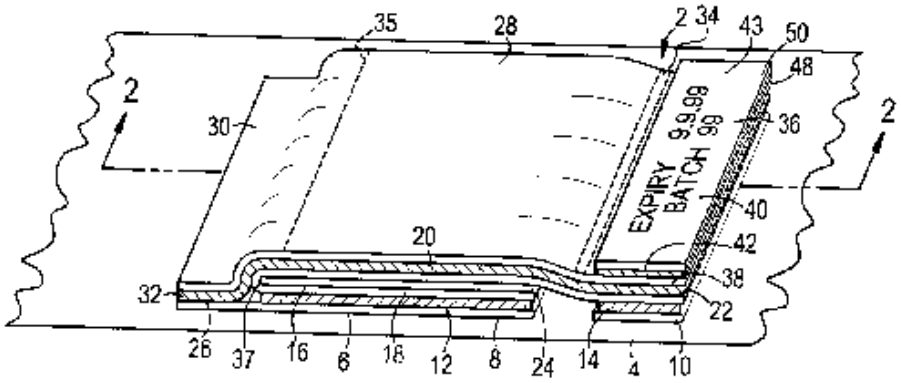


FIG. 2

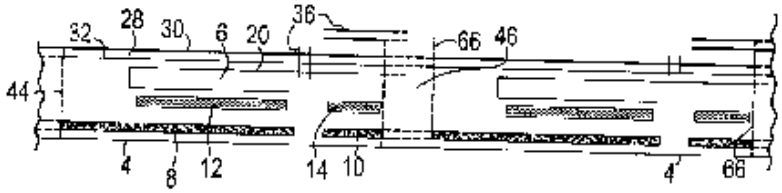


FIG. 3

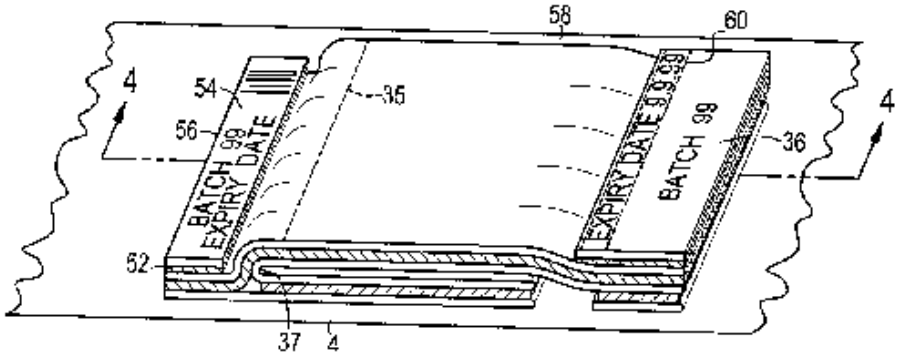
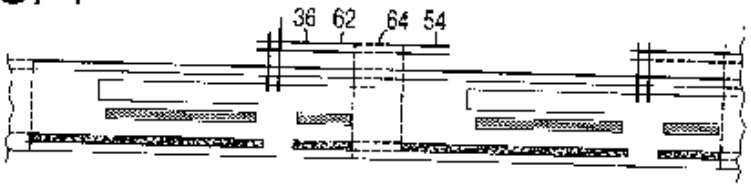


FIG. 4



Publication data including kind & date

PL185668	B1	2003-07-31	PL-185668
CZ290904	B6	2002-11-13	CZ-290904
BRPI9711038	B1	2002-08-20	BR9711038
RU2176111	C2	2001-11-20	RU2176111
JP2001508551	A	2001-06-26	JP2001508551
EP1087361	A1	2001-03-28	EP1087361
NZ333919	A	2000-09-29	NZ-333919
US6120637	A	2000-09-19	US6120637
KR20000029856	A	2000-05-25	KR20000029856
GB2331063	B	2000-05-17	GB2331063

AU718909	B2	2000-04-20	AU-718909
BR9711038	A	2000-01-11	BR9711038
BRPI9711038	A1	2000-01-11	BRPI9711038
CN1227653	A	1999-09-01	CN1227653
CZ41899	A3	1999-08-11	CZ9900418
PL331412	A1	1999-07-19	PL97331412
VN3111	A	1999-06-25	VN---3111
EP0917702	A1	1999-05-26	EP-917702
GB2331063	A	1999-05-12	GB2331063
TR199900260	T2	1999-04-21	TR199900260
GB9902535	D0	1999-03-24	GB9902535
US5863628	A	1999-01-26	US5863628
AU3780797	A	1998-03-06	AU9737807
WO98/07133	A1	1998-02-19	WO9807133
CA2262937	A1	1998-02-19	CA2262937



Abstract

(EP0917702)

A self-adhesive label (2) carried on a backing of release material (6), the label comprising a multilaminar label, a self-adhesive overlaminate (28) covering the multilaminar label and a self-adhesive overlabel (36) adhered to an upper surface of the overlaminate (28). The invention also provides a method of producing a succession of self-adhesive labels carried on a backing of release material, the method comprising the steps of providing an elongate web including a backing of release material, applying a succession of multilaminar labels to the elongate web, laminating over the succession of multilaminar labels a self-adhesive plastics overlaminate web, applying a succession of self-adhesive overlabels over the overlaminate and die-cutting through the overlabels, the overlaminate and the multilaminar labels to form the self-adhesive labels in each of which at least one overlabel is adhered to a portion of the overlaminate web which covers a multilaminar label.

Inventors

BARRY DAVID ROBERT

Latest standardized assignees - inventors removed

DAVID J INSTANCE

Family 72/100 - FAMPAT - ©Questel

Title

(FR2192210)

Manufacture of fibrous sheet material.

Images

Bekanntmachungstag: 3. Januar 1980

Fig.1.

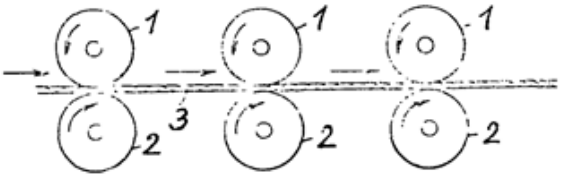


Fig.2.

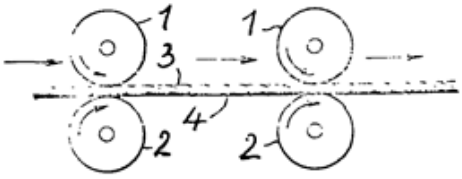


Fig.3.

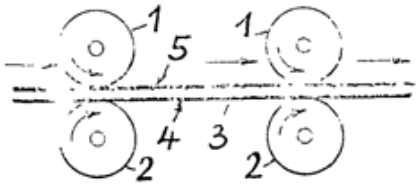


Fig 4

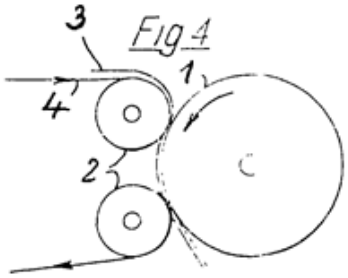


Fig 5.

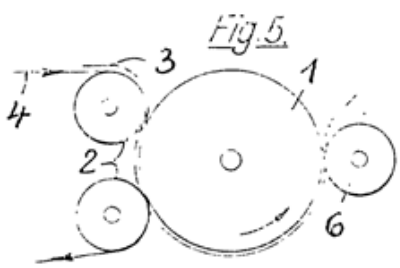
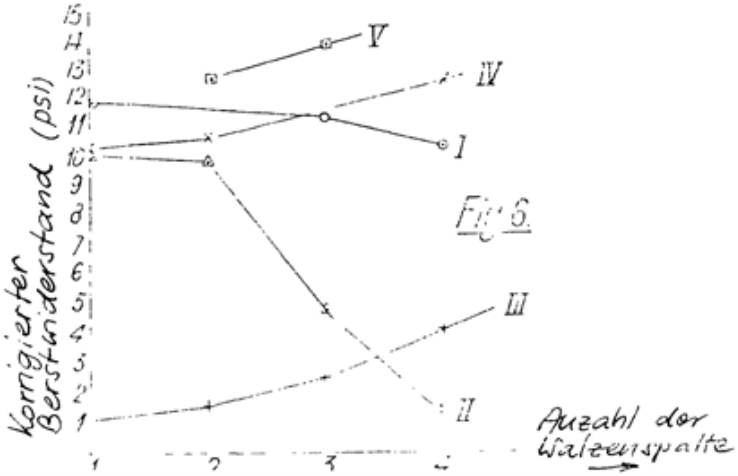


Fig 6.



Publication data including kind & date

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NO143807	C	1981-04-15	NO-143807
DE2365552	C3	1981-01-22	DE2365552
NO143807	B	1981-01-05	NO-143807
SE415286	B	1980-09-22	SE-415286
DE2333732	C3	1980-09-04	DE2333732
DE2365552	B2	1980-05-14	DE2365552
DE2333732	B2	1980-01-03	DE2333732
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KR790000057	B1	1979-02-28	KR790000057

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DE2365552	A1	1975-05-28	DE2365552
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BR7305081	D0	1974-09-05	BR7305081
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JPS4948913	A	1974-05-11	JP49048913
DD105274	A5	1974-04-12	DD-105274
FR2192210	A1	1974-02-08	FR2192210
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BE801980	A	1973-11-05	BE-801980
LU67961	A1	1973-09-11	LU--67961

Abstract

(FR2192210)

1424682 Air laid fibrous sheets KARL KROYER ST ANNE'S Ltd 5 July 1973 [8 July 1972] 32098/72 Heading D1R An airlaid web is moistened and then consolidated by repeatedly pressing it against a heated surface whilst it is supported in continuous contact with the heated surface by a supporting metal wire mesh or a fabric to form a paper or board like product. The fibres are of wood pulp. 1 to 10% starch may be mixed with the fibres to act as binder. In the embodiment of Figure 7, distribution boxes 10, 13 lay fibres mixed with 4% starch whilst boxes 11, 12 lay fibres plus 10% starch. Vacuum boxes 14 hold the web on belt 9. Rollers 14 compact the web at 10 p.l.i. and sprays 15, 16 raise the moisture content to 30 to 50%. The web is pressed into contact with cylinder 17, heated to 230‹F, by plain unheated press rolls 18 at a pressure of 250 p.l.i. In other embodiments (Figures 1-5, 8, 9, not shown) the pressure may be 150 to 500 p.1.i., the temperature of the heated cylinder 150 to 350‹F, and some of the press rolls may be heated to 500‹F. The moisture content of the pressed sheet of Figure 7 is reduced from 15 to 10% by passage around drying cylinders 23, the sheet is sized by press 24 and further dried by cylinders 25. Alternatively the pressed sheet may be remoisted and subject to further hot pressing.

(From GB1424682 A)

Inventors

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KROYER, KARL KRISTIAN KOBS
BRISLINGTON, BRISTOL

Latest standardized assignees - inventors removed

KROYER ST ANNES KARL

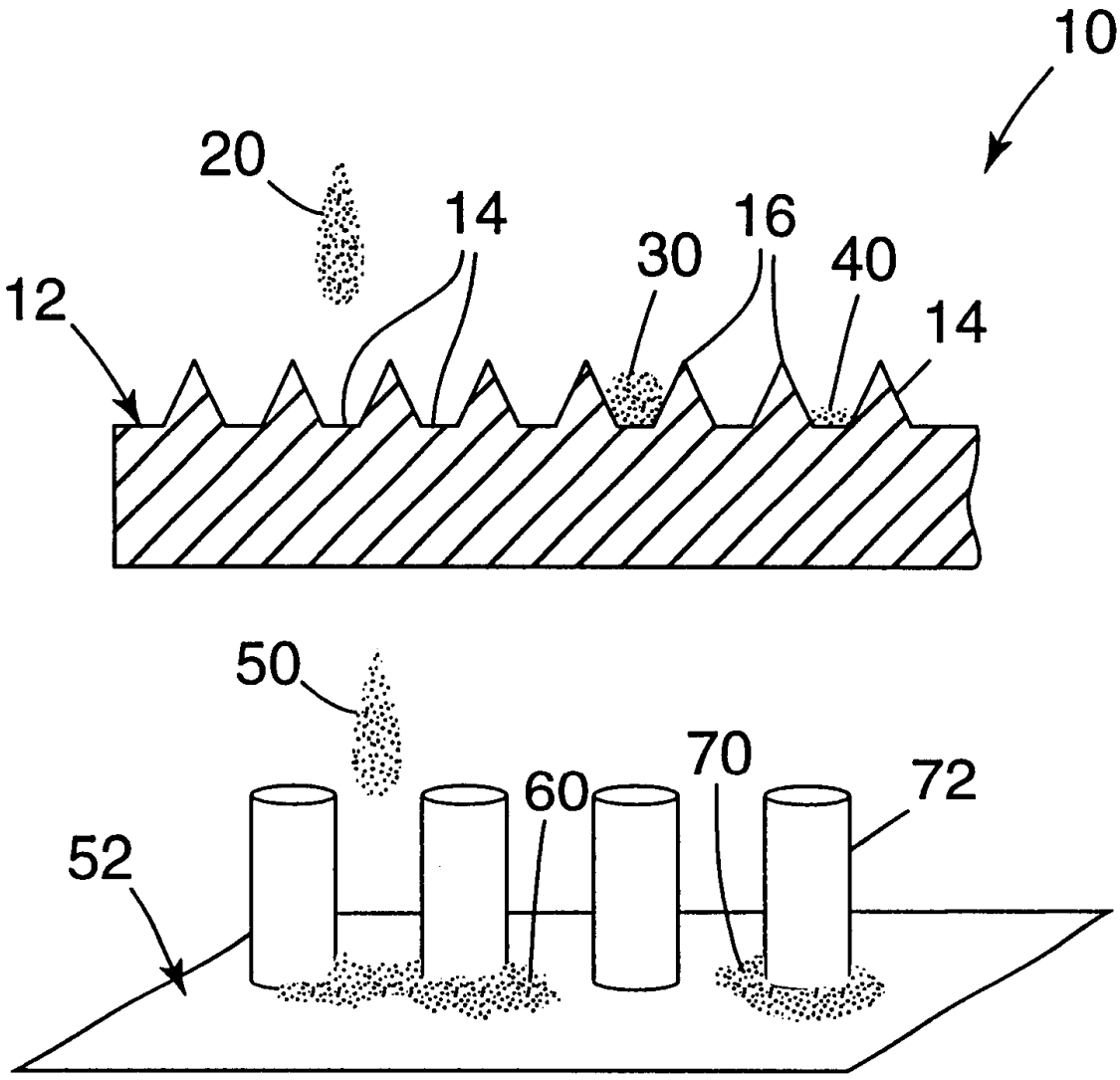
Family 73/100 - FAMPAT - ©Questel

Title

(EP1089880)

Receptor sheet for inkjet printing having an embossed surface

Images



Publication data including kind & date

BRPI9910015	A2	2009-08-11	BR9910015
KR100615913	B1	2006-08-28	KR100615913
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AU3556699	A	1999-11-16	AU9935566
WO99/55537	A1	1999-11-04	WO9955537
CA2329011	A1	1999-11-04	CA2329011

Abstract

(EP1089880)

A receptor medium with a sheet having an embossed imaging surface as one major surface thereof. The receptor medium can receive jettable materials, which include inks, adhesives, biological fluids, chemical assay reagents, particulate dispersions, waxes, and combinations thereof. The embossed medium unexpectedly solves such common inkjet printing problems as feathering, banding, and mudcracking in inkjet printing systems by controlling how an inkjet drop contacts and dries on an inkjet receptor medium. Clear lines of demarcation between adjoining colors of a pigmented inkjet image graphic can be obtained. Methods of making and using the inkjet receptor medium are also disclosed.

Inventors

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Latest standardized assignees - inventors removed

3M

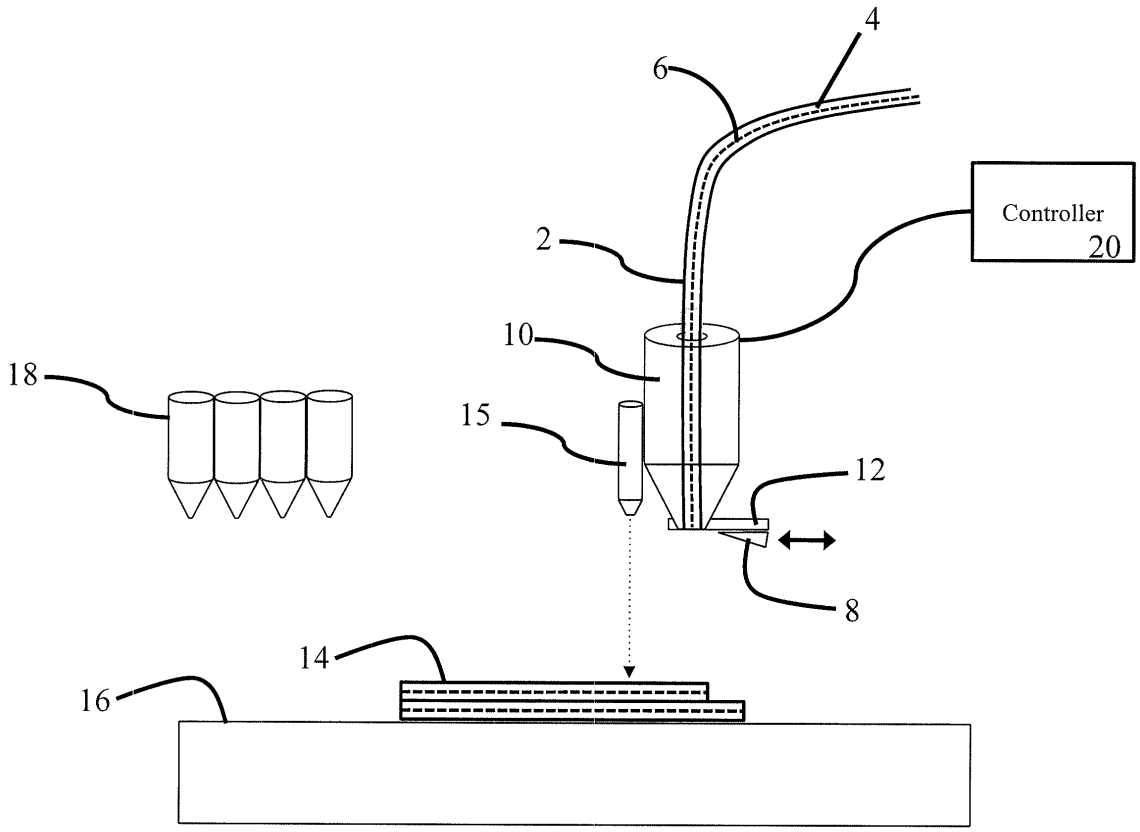
Family 74/100 - FAMPAT - ©Questel

Title

(EP2976205)

Three dimensional printing

Images



Publication data including kind & date

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US20140291886	A1	2014-10-02	US20140291886
WO2014/153535	A2	2014-09-25	WO2014153535
CA2907492	A1	2014-09-25	CA2907492

Abstract

(EP2976205)

Three dimensional printers, and reinforced filaments, and their methods of use are described. A void free reinforced filament is fed into an extrusion nozzle. The reinforced filament includes a core, which may be continuous or semi-continuous, and a matrix material surrounding the core. The reinforced filament is heated to a temperature greater than a melting temperature of the matrix material and less than a melting temperature of the core prior to extruding the filament from the extrusion nozzle.

Inventors

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Latest standardized assignees - inventors removed

MARKFORGED

Family 75/100 - FAMPAT - ©Questel

Title

(WO201523612)

Additive fabrication of proppants

Publication data including kind & date

CN105451950	B	2019-03-12	CN105451950B
US9969930	B2	2018-05-15	US9969930
US20160168453	A1	2016-06-16	US20160168453
CN105451950	A	2016-03-30	CN105451950
WO2015/023612	A3	2015-04-09	WO201523612
WO2015/023612	A2	2015-02-19	WO201523612

Abstract

(WO2015/023612)

Ceramic inks formulated for additive formation of proppants are provided, as well as methods of manufacturing such ink

and ink systems including such ink. The proppant formed can contain a proppant core, a proppant shell, a proppant outer coating or any combination thereof. Additive methods for forming proppants are also provided. The ceramic ink can be applied drop-wise, linearly, in a planar fashion, or any combination thereof to form proppants. Additive fabricators configured to produce proppant are further provided, as are systems including the same and software for running the same.

Inventors

FLORIO STEVEN

COKER CHRISTOPHER E

Latest standardized assignees - inventors removed

HALLIBURTON ENERGY SERVICES

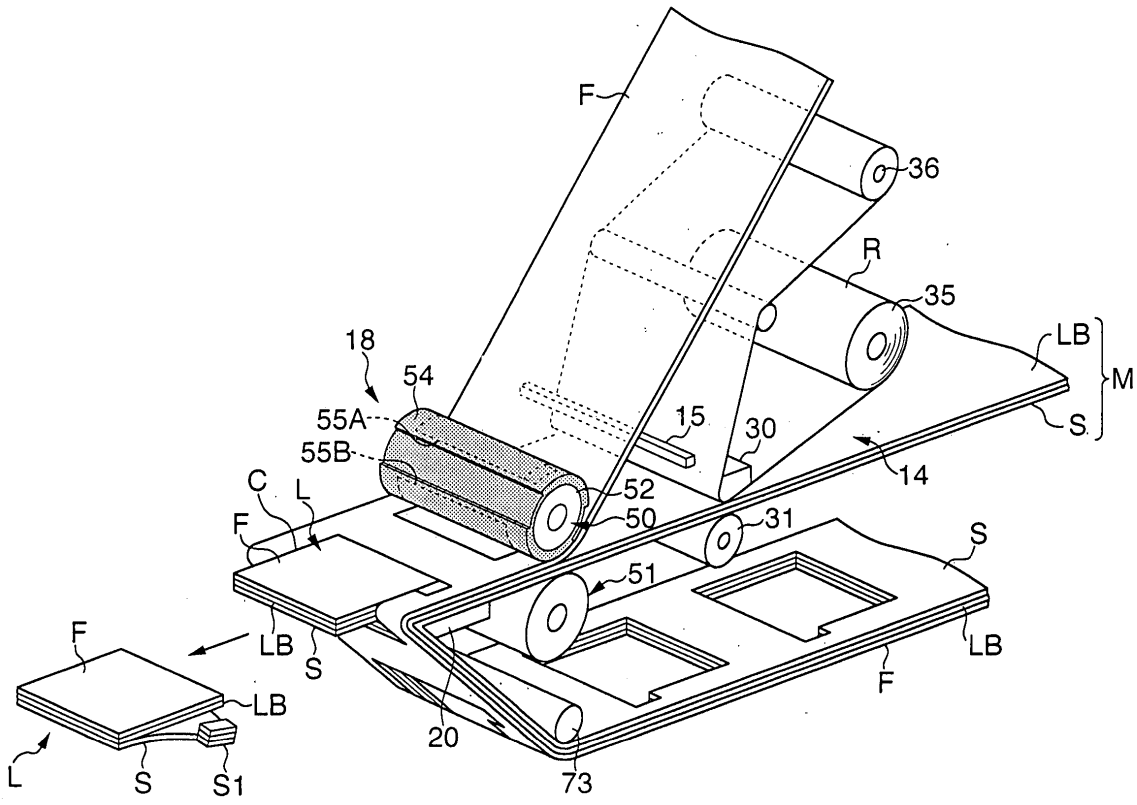
Family 76/100 - FAMPAT - ©Questel

Title

(US20060096710)

Roll and printer

Images



Publication data including kind & date

GB2420526	A	2006-05-31	GB2420526
JP2006130823	A	2006-05-25	JP2006130823
US20060096710	A1	2006-05-11	US20060096710
CA2525617	A1	2006-05-08	CA2525617
GB0522479	D0	2005-12-14	GB200522479

Abstract

(US20060096710)

A printer 10 is arranged to include a pay-out section 12 for a strip of label sheet M having label base LB, a printing section 14 for printing on the surface of the label base LB, a film feeder 16 for supplying a protective film F and a sticking section 18 for sticking the protective film F to the label base LB. The sticking section 18 comprises a press roll 50 and a platen roll 51, the press roll 50 is arranged to include a soft member 54 on the peripheral portion of the roll body 52 and cutter blades

55 A, 55 B. The sticking section 18 sticks the protective film F as well as forms a cut C in the label sheet M and the protective film F corresponding to the configuration of the label L.

Inventors

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HIRASE HIROSHI

Latest standardized assignees - inventors removed

LINTEC

Family 77/100 - FAMPAT - ©Questel

Title

(EP2907662)

Assembly of a processing machine for web or sheet-like print substrate

Images

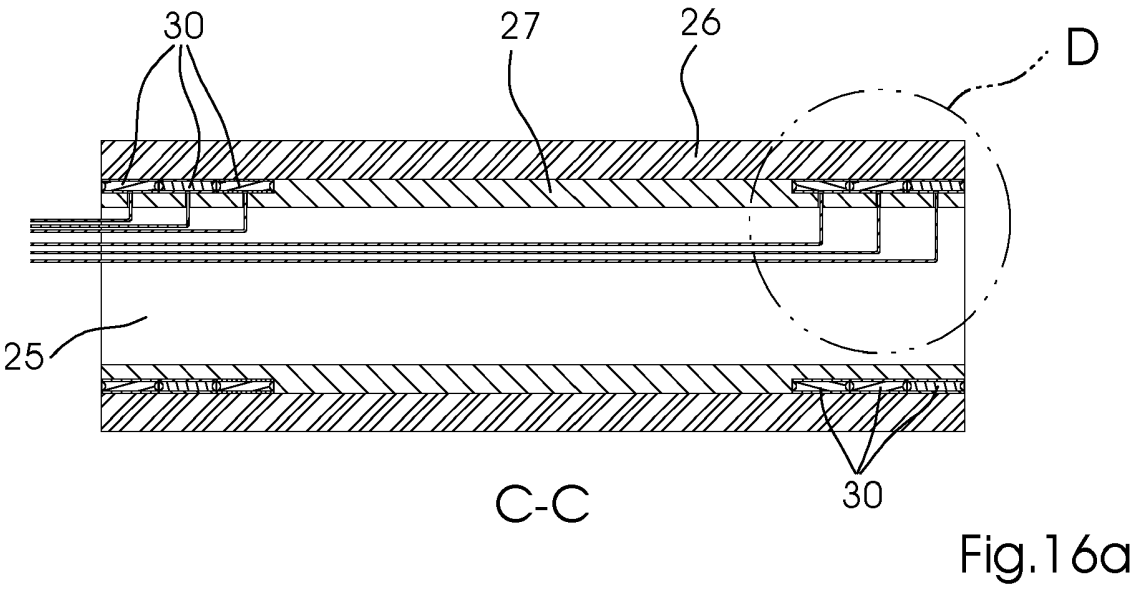


Fig.16a

Publication data including kind & date

EP2907662	A1	2015-08-19	EP2907662
CN104842632	A	2015-08-19	CN104842632
DE102014001970	A1	2015-08-13	DE102014001970

Abstract

(EP2907662)

The invention relates to an assembly of a machine for processing a sheet or belt shaped printing substrate. The assembly includes a functional polymer (6) - a so-called smart polymer - to change a property of a component of the assembly. The assembly e.g. can be a roller (25). The component of the assembly is a roller sleeve (26). The property, which is changed, for example, can be a diameter.

(From CN104842632 A)

Inventors

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HAUPTMANN GERALD

MOSER VOLKER

Latest standardized assignees - inventors removed

HEIDELBERGER DRUCKMASCHINEN

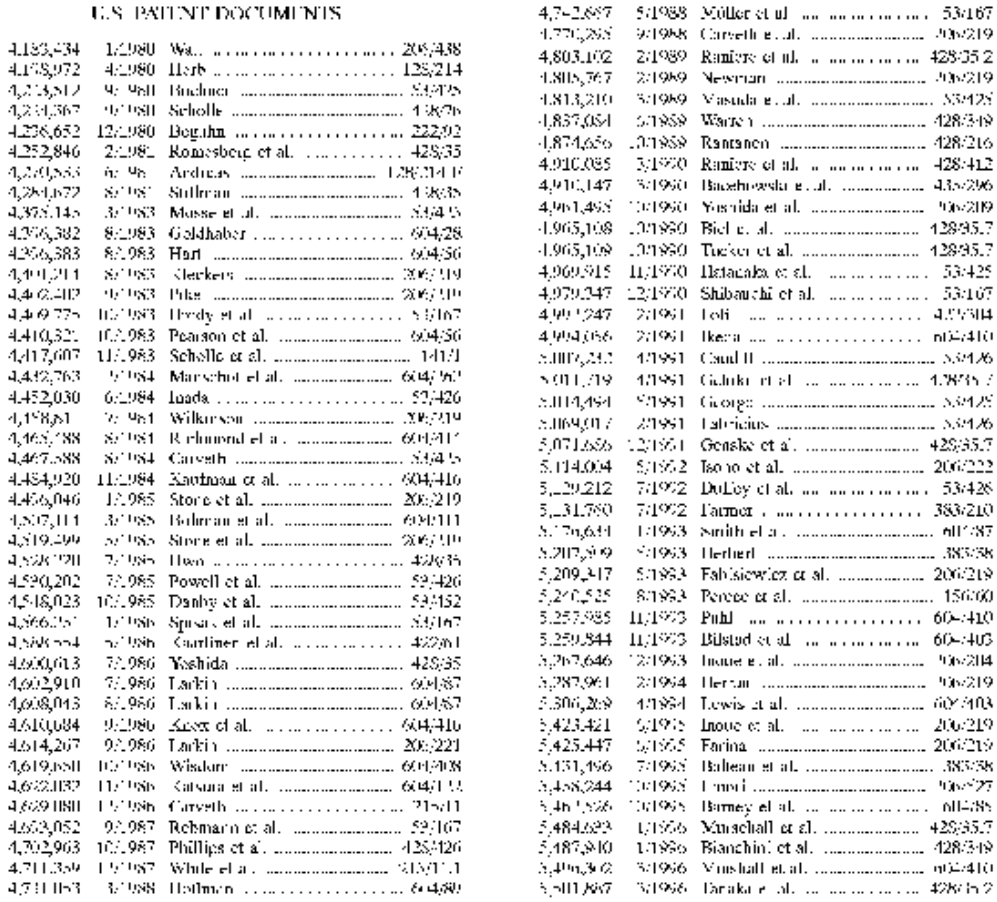
Family 78/100 - FAMPAT - ©Questel

Title

(EP1364638)

Flexible container and method of making same

Images



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Abstract

(EP1364638)

A flexible container (10) for separately storing and mixing materials is described. The container (10) comprises a multi-layer laminate rear sheet (14) including an inner layer of polypropylene-polyethylene co-polymer blended with elastomer, an opaque high-barrier intermediate layer, and an outer high temperature resistant mold release layer; a flexible front sheet (12) constructed of a single layer film of polypropylene-polyethylene co-polymer blended with an elastomer interfacing with

the rear sheet (14), the front sheet (12) sealed to the rear sheet (14) along a common peripheral edge (16); at least two peelable seals (24, 26) extending between two parallel sides of the common peripheral edge (16) and separably joining the front and rear sheets (12, 14) to define at least three compartments (18, 20, 22) in the container (10) including a first component (18); and a clear high-barrier laminate film (64, 71) sealed to the front sheet (12), the high-barrier laminate film (64, 71) sized to extend over the first compartment (18).

Inventors

BARNEY WARD W
GHARIBIAN NOEL
HARVEY DOUGLAS G
YORK WALTER A

Latest standardized assignees - inventors removed

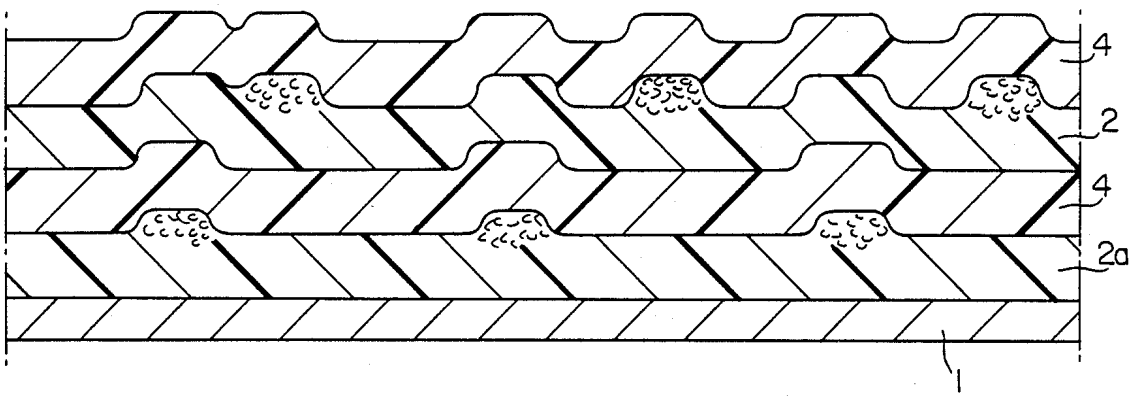
BRAUN MEDICAL

Family 79/100 - FAMPAT - ©Questel

Title

(EP-192218)
Printable composition for making embossed decorative sheets

Images



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Abstract

(EP0192218)

The present invention relates to a process for producing embossed decorative thermoplastic sheets and a printable composition for use in the process. The process comprises applying a printable composition including a blowing agent to a first gelled thermoplastic resin layer, and thereafter applying a second layer of thermoplastic resin composition having a melt viscosity differing from the first layer by at least 0.05 meter-kilograms. The composite structure is then heated for a sufficient time and temperature to gel the resin layers.

Inventors

MILLER, CHARLES H.

KAMINSKI, STANLEY J.

MANSOLILLO, ROBERT D.

MUSHALL, SUSAN G.

Latest standardized assignees - inventors removed

CONGOLEUM

Family 80/100 - FAMPAT - ©Questel

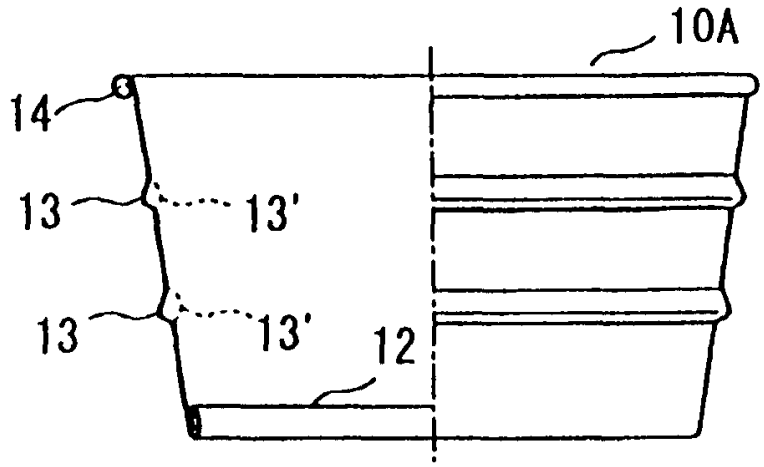
Title

(WO200017058)

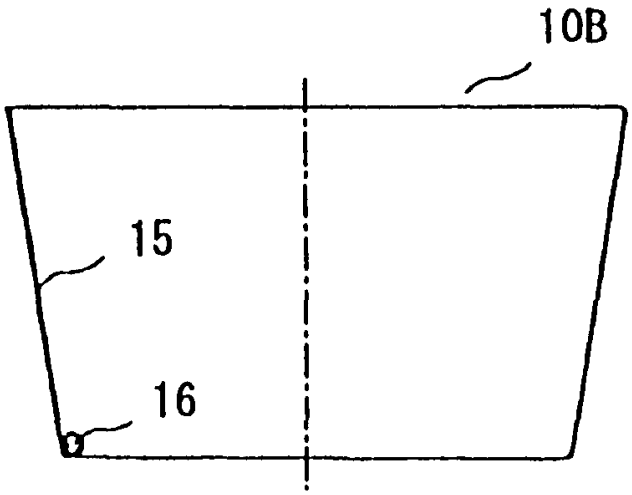
Container, insulating container, and devices and method used for manufacturing these containers

Images

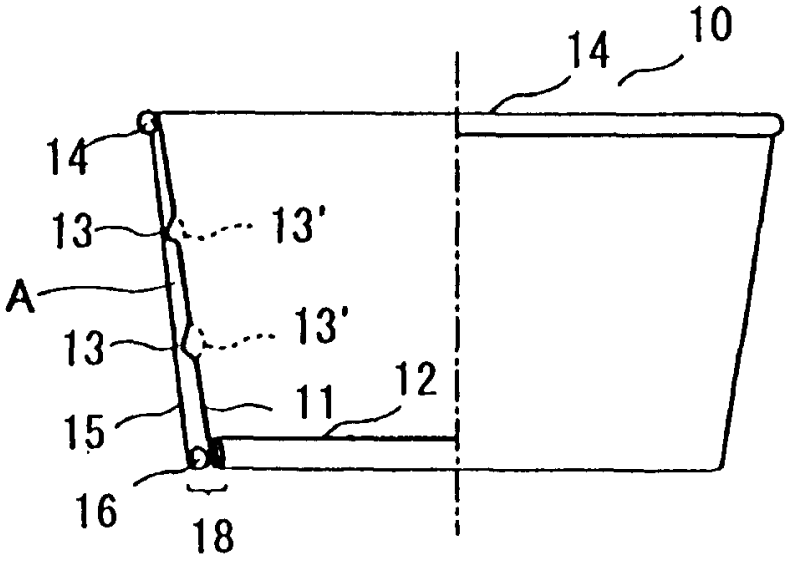
(a)



(b)



(c)



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WO00/17058	A1	2000-03-30	WO200017058
JP2000085852	A	2000-03-28	JP2000085852

Abstract

(WO00/17058)

An insulating container (10) comprising a cylindrical shell part (11) having an opened upper part, a bottom part (12)

covering the bottom part of the shell part (11), and a sleeve (10B) inserted between a cup main body (10A) having an inner surface at least on which polyolefin resin layer is formed and the outer peripheral surface of the shell part (11) of the cup main body (10A) with a clearance provided between them, wherein ribs (13, 13') are formed on the cup main body (10A) in the direction that the ribs surround the shell part (11) of the cup main body (10A), and the cup main body (10A) is formed so that the outside diameter of the opening part at the upper end of the shell part (11) is larger than the height of the cup main body (10A), whereby a paper insulating container stable in shape and insulation, easy to handle, excellent in design, high in flexibility of printing expression, sanitary, and less in load on environment can be provided while it is formed nearly in china bowls or bowls.

Inventors

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Latest standardized assignees - inventors removed

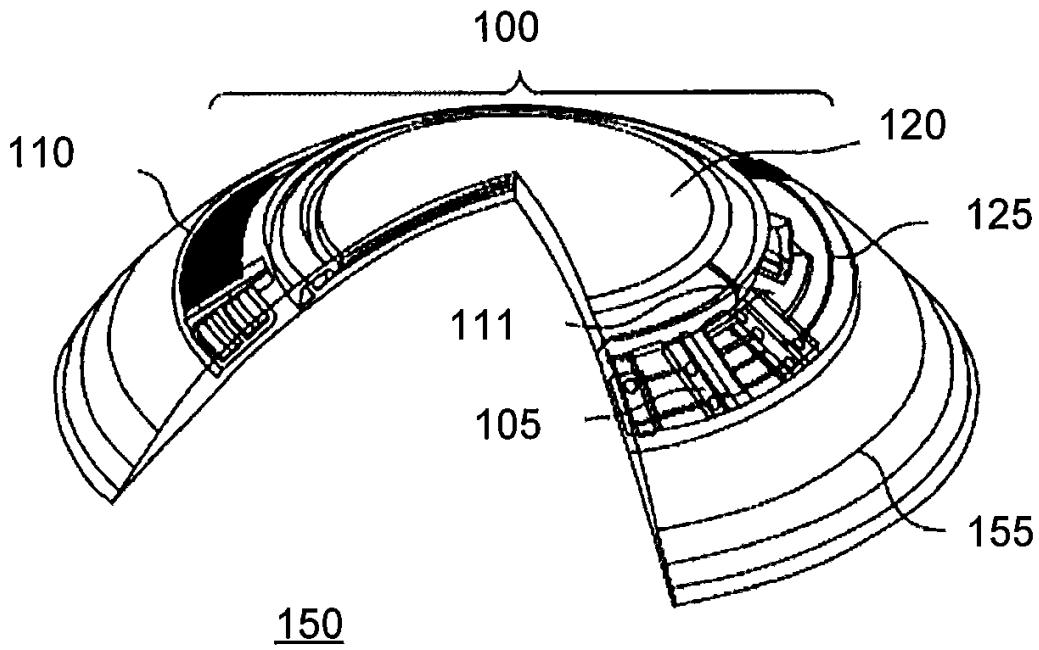
DAI NIPPON PRINTING

Family 81/100 - FAMPAT - ©Questel

Title

(EP2988348)
Methods and apparatus to form separators for biocompatible energization elements for biomedical devices

Images



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EP3173852	A1	2017-05-31	EP3173852
EP3174129	A1	2017-05-31	EP3174129
BR102016027523	A2	2017-05-30	BR102016027523
CA2949112	A1	2017-05-24	CA2949112
CA2949114	A1	2017-05-24	CA2949114
HK1219807	A1	2017-04-13	HK1219807
HK1219808	A1	2017-04-13	HK1219808
HK1219809	A1	2017-04-13	HK1219809



HK1219810	A1	2017-04-13	HK1219810
IL248860	A	2017-03-30	IL-248860
IL248861	A	2017-03-30	IL-248861
US9599842	B2	2017-03-21	US9599842
RU2015134861	A	2017-03-01	RU2015134861
RU2015134860	A	2017-02-28	RU2015134860
RU2015135168	A	2017-02-28	RU2015135168
RU2015134864	A	2017-02-27	RU2015134864
RU2015134845	A	2017-02-27	RU2015134845
RU2015134856	A	2017-02-27	RU2015134856
RU2015134859	A	2017-02-27	RU2015134859
RU2015135169	A	2017-02-27	RU2015135169
RU2015135186	A	2017-02-27	RU2015135186
RU2015134574	A	2017-02-22	RU2015134574
RU2015134503	A	2017-02-22	RU2015134503
US9577259	B2	2017-02-21	US9577259
RU2015134561	A	2017-02-21	RU2015134561
RU2015134506	A	2017-02-20	RU2015134506
BR102016027480	A1	2016-12-06	BR102016027480
BR102016027523	A1	2016-12-06	BR102016027523
BR102015020132	A2	2016-09-27	BR102015020132
EP2988359	A3	2016-08-31	EP2988359
TW201626630	A	2016-07-16	TW201626630
EP2996172	A3	2016-07-13	EP2996172
EP3026737	A3	2016-07-13	EP3026737
US9383593	B2	2016-07-05	US9383593
BR102015019862	A2	2016-07-05	BR102015019862
TW201624813	A	2016-07-01	TW201624813
TW201624808	A	2016-07-01	TW201624808
BR102015019917	A2	2016-06-21	BR102015019917
TW201622211	A	2016-06-16	TW201622211
TW201622230	A	2016-06-16	TW201622230
TW201621405	A	2016-06-16	TW201621405
TW201622212	A	2016-06-16	TW201622212
EP2988357	A3	2016-06-15	EP2988357
EP2996186	A3	2016-06-01	EP2996186
EP3026737	A2	2016-06-01	EP3026737
TW201620191	A	2016-06-01	TW201620191
TW201620181	A	2016-06-01	TW201620181
TW201620194	A	2016-06-01	TW201620194
TW201620197	A	2016-06-01	TW201620197
EP3024082	A1	2016-05-25	EP3024082
EP3021413	A1	2016-05-18	EP3021413
EP3016194	A1	2016-05-04	EP3016194
TW201616716	A	2016-05-01	TW201616716
CN105514456	A	2016-04-20	CN105514456
BR102015019910	A2	2016-04-19	BR102015019910
BR102015019946	A2	2016-04-19	BR102015019946



BR102015020027	A2	2016-04-19	BR102015020027
BR102015020104	A2	2016-04-19	BR102015020104
TW201614904	A	2016-04-16	TW201614904
JP2016048679	A	2016-04-07	JP2016048679
JP2016045496	A	2016-04-04	JP2016045496
JP2016045499	A	2016-04-04	JP2016045499
JP2016046249	A	2016-04-04	JP2016046249
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JP2016046253	A	2016-04-04	JP2016046253
JP2016046254	A	2016-04-04	JP2016046254
JP2016046255	A	2016-04-04	JP2016046255
JP2016046256	A	2016-04-04	JP2016046256
JP2016046257	A	2016-04-04	JP2016046257
JP2016046258	A	2016-04-04	JP2016046258
SG10201506552R	A	2016-03-30	SG10201506552R
SG10201506555T	A	2016-03-30	SG10201506555T
SG10201506556U	A	2016-03-30	SG10201506556U
SG10201506558W	A	2016-03-30	SG10201506558W
SG10201506559X	A	2016-03-30	SG10201506559X
SG10201506560S	A	2016-03-30	SG10201506560S
SG10201506561V	A	2016-03-30	SG10201506561V
SG10201506607T	A	2016-03-30	SG10201506607T
SG10201506610U	A	2016-03-30	SG10201506610U
SG10201506613Y	A	2016-03-30	SG10201506613Y
SG10201506614W	A	2016-03-30	SG10201506614W
SG10201506616P	A	2016-03-30	SG10201506616P
SG10201506618S	A	2016-03-30	SG10201506618S
BR102015020033	A2	2016-03-29	BR102015020033
BR102015020136	A2	2016-03-29	BR102015020136
EP2996187	A3	2016-03-23	EP2996187
CN105428690	A	2016-03-23	CN105428690
US20160079572	A1	2016-03-17	US20160079572
US20160079631	A1	2016-03-17	US20160079631
EP2996172	A2	2016-03-16	EP2996172
EP2996173	A1	2016-03-16	EP2996173
EP2996182	A1	2016-03-16	EP2996182
EP2996186	A2	2016-03-16	EP2996186
EP2996187	A2	2016-03-16	EP2996187
AU2015213364	A1	2016-03-10	AU2015213364
AU2015213367	A1	2016-03-10	AU2015213367
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CN105390712	A	2016-03-09	CN105390712
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KR20160023614	A	2016-03-03	KR20160023614
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EP2988348	A1	2016-02-24	EP2988348
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BR102015019874	A2	2016-02-23	BR102015019874
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BR102015020087	A2	2016-02-23	BR102015020087
BR102015020135	A2	2016-02-23	BR102015020135
CA2900511	A1	2016-02-21	CA2900511
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CA2900872	A1	2016-02-21	CA2900872
CA2900874	A1	2016-02-21	CA2900874
CA2900875	A1	2016-02-21	CA2900875
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CA2902567	A1	2016-02-21	CA2902567
CA2900265	A1	2016-02-21	CA2900265
CA2900275	A1	2016-02-21	CA2900275
CA2900279	A1	2016-02-21	CA2900279
CA2900480	A1	2016-02-21	CA2900480
CA2900495	A1	2016-02-21	CA2900495
CA2900512	A1	2016-02-21	CA2900512
BR102015019862	A1	2015-09-01	BR102015019862
BR102015019874	A1	2015-09-01	BR102015019874
BR102015019910	A1	2015-09-01	BR102015019910
BR102015019917	A1	2015-09-01	BR102015019917
BR102015019946	A1	2015-09-01	BR102015019946
BR102015020021	A1	2015-09-01	BR102015020021
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BR102015020033	A1	2015-09-01	BR102015020033
BR102015020087	A1	2015-09-01	BR102015020087
BR102015020104	A1	2015-09-01	BR102015020104
BR102015020132	A1	2015-09-01	BR102015020132
BR102015020135	A1	2015-09-01	BR102015020135
BR102015020136	A1	2015-09-01	BR102015020136

Abstract

(EP2988348)

Methods and apparatus to form biocompatible energization elements such as biocompatible batteries are described. A field of use for the methods and apparatus may include any biocompatible device or product that requires energization elements such as an electronic contact lens. The present application especially relates to a uniform and mechanically robust form-in-place separator in the form of a permeable hydrogel membrane which is obtained by polymerizing a mixture comprising a water soluble polymer such as PVP, a first momoner such as HEMA, and a second monomer such as EGDMA in a liquid solvent such as IPA.

Inventors

OTTS DANIEL B

PUGH RANDALL B

RIALL JAMES DANIEL

TONER ADAM

FLITSCH FREDERICK A

MAHADEVAN SHIVKUMAR

Latest standardized assignees - inventors removed

JOHNSON & JOHNSON VISION CARE

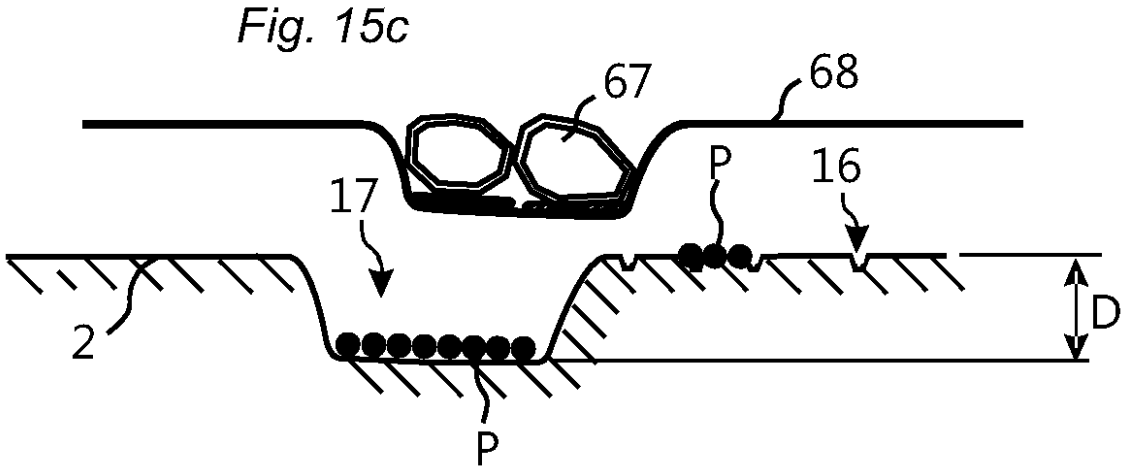
Family 82/100 - FAMPAT - ©Questel

Title

(EP2943354)

Digital embossing

Images



Publication data including kind & date

CN105026174	B	2018-12-21	CN105026174B
RU2661835	C2	2018-07-19	RU2661835
BR112015016240	A2	2017-07-11	BR112015016240
RU2015132231	A	2017-02-14	RU2015132231
EP2943354	A4	2016-08-24	EP2943354
IN4712/CHENP/2015	A	2016-07-01	IN2015CN04712
EP2943354	A1	2015-11-18	EP2943354
CN105026174	A	2015-11-04	CN105026174
BR112015016240	A1	2015-07-21	BR112015016240
WO2014/109701	A1	2014-07-17	WO2014109701

Abstract

(EP2943354)

The disclosure relates to a method of forming a digital embossing (17) on a surface (2) by bonding hard press particles (67) to a carrier (68). A liquid binder pattern (P) is applied on the carrier by a digital drop application head. Hard press particles (67) are applied on the carrier (68) and the binder pattern such that some hard press particles are bonded to the carrier (68) by the liquid pattern and non-bonded press particles (67) are removed. The carrier (68) with the bonded hard press particles (67) is pressed to the surface (2) and an embossing is formed when the carrier (68) with the hard press particles (67) is removed.

Inventors

PERVAN DARKO

PERVAN TONY

Latest standardized assignees - inventors removed

CERALOC INNOVATION

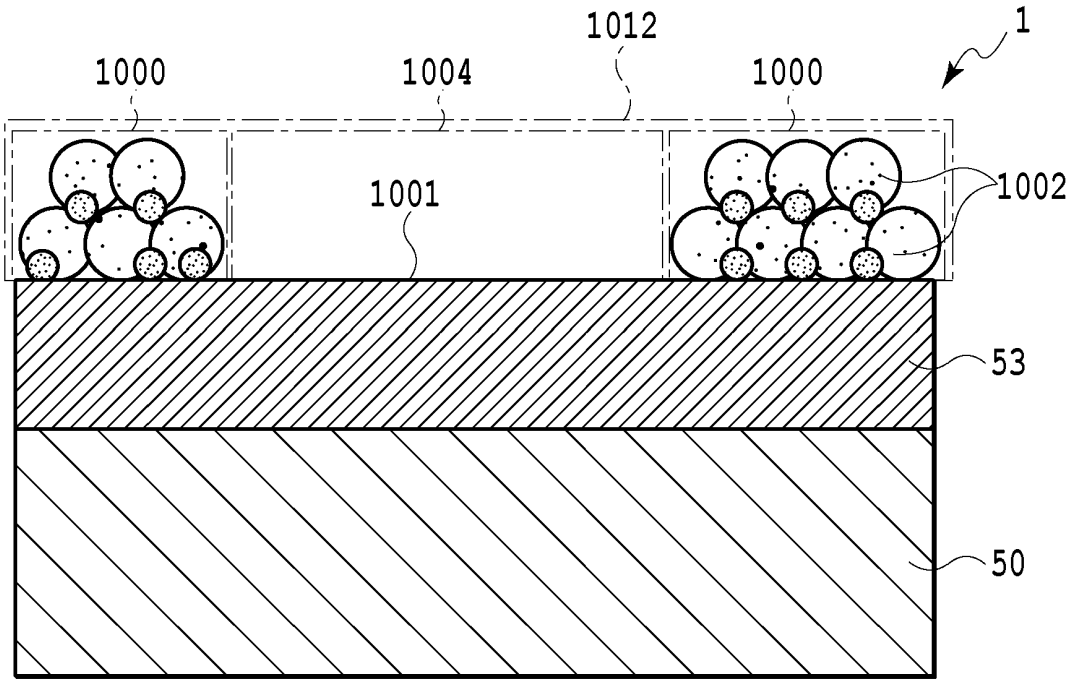
Family 83/100 - FAMPAT - ©Questel

Title

(EP3199366)

Transfer material, printed material and manufacturing method for printed material

Images



Publication data including kind & date

CN107009776	B	2019-06-18	CN107009776B
US20190039395	A1	2019-02-07	US20190039395
US10131171	B2	2018-11-20	US10131171
JP6374418	B2	2018-08-15	JP6374418
CN107009776	A	2017-08-04	CN107009776
JP2017132123	A	2017-08-03	JP2017132123
EP3199366	A1	2017-08-02	EP3199366
US20170210123	A1	2017-07-27	US20170210123

Abstract

(EP3199366)

A transfer material is provided that can be more firmly attached to an image substrate without deteriorating printing characteristics concerning image bleeding, printing resolution, and the like. An ink receiving layer (53) is of a gap-absorbing type. An adhesive layer (1012) includes discretely disposed adhesive pieces (1002) provided on a surface of the ink receiving layer (53) so as to leave exposed portions (1001) on the surface of the ink receiving layer (53).

Inventors

SUMIKAWA YUSUKE
TSUTSUI TAKAHIRO
HIRABAYASHI HIROMITSU

Latest standardized assignees - inventors removed

CANON FINETECH NISCA

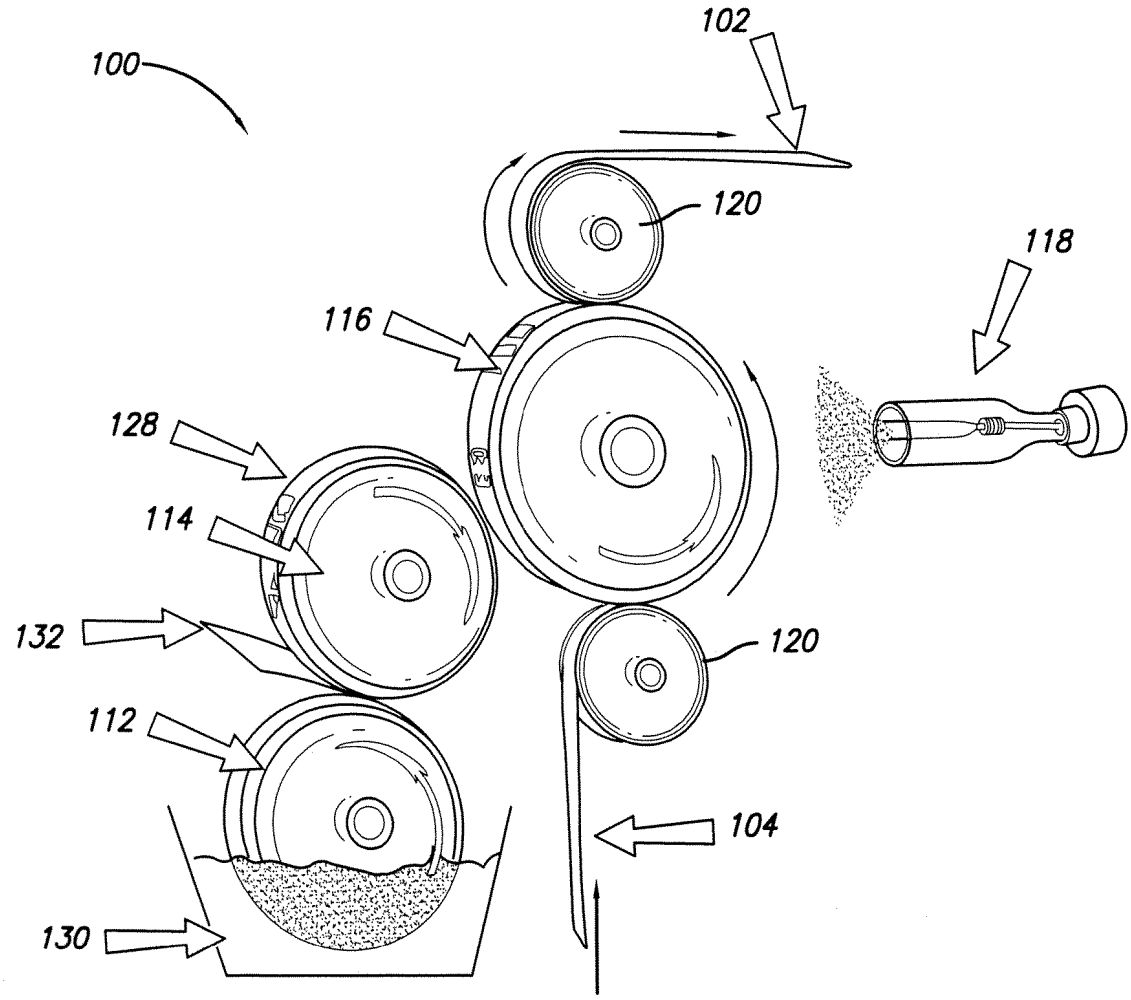
Family 84/100 - FAMPAT - ©Questel

Title

(EP1893409)

High and low refractive index and metallic surface relief coatings

Images



Publication data including kind & date

EP1893409	A4	2009-11-11	EP1893409
EP1893409	A2	2008-03-05	EP1893409
WO2006/132919	A3	2007-05-31	WO2006132919
WO2006/132919	A2	2006-12-14	WO2006132919
US20060272534	A1	2006-12-07	US20060272534
US20060275625	A1	2006-12-07	US20060275625

Abstract

(EP1893409)

The present invention provides articles comprising a substrate (80), a high (or low) refractive index and/or metallic surface relief coating (84) that is applied to the substrate (80) and surface relief structures (86) that are applied to the coating (84) at substantially the same speeds and widths of conventional printing systems, and in substantially perfect register to conventional printing systems, thereby obviating the need for already-embossed substrates including films and hot-stamping foils.

Inventors

LIEBERMAN DANIEL

Latest standardized assignees - inventors removed

HOLOINKS

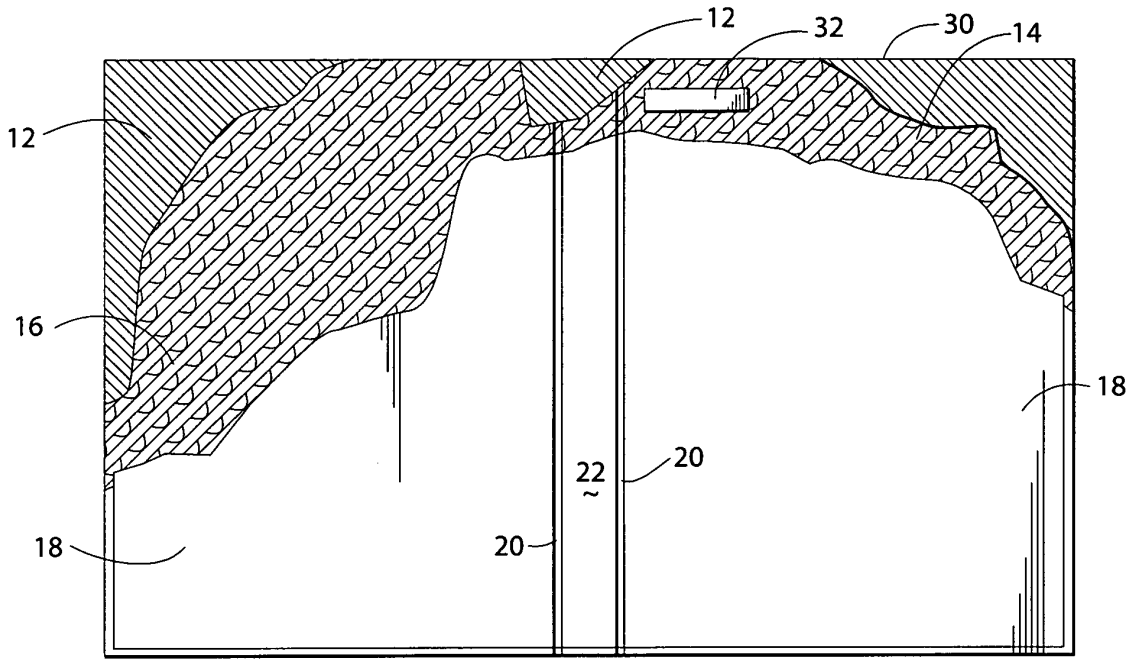
Family 85/100 - FAMPAT - ©Questel

Title

(EP1784802)

Hard cover product with concealed security device and method of manufacture

Images



Publication data including kind & date

CA2695056	C	2017-01-10	CA2695056
US9177454	B2	2015-11-03	US9177454
US8797164	B2	2014-08-05	US8797164
IN2649/MUMNP/2012	A	2014-07-18	IN2012MN02649
US20140176331	A1	2014-06-26	US20140176331
MY150896	A	2014-03-14	MY-150896
EP2457197	A4	2013-08-14	EP2457197
US20130120146	A1	2013-05-16	US20130120146
RU2475857	C2	2013-02-20	RU2475857
JP5198059	B2	2013-02-15	JP5198059
US8350705	B1	2013-01-08	US8350705
US8334774	B2	2012-12-18	US8334774
CN102717619	A	2012-10-10	CN102717619
CN102666120	A	2012-09-12	CN102666120
SG182252	A1	2012-08-30	SG-182252
SG182193	A1	2012-07-30	SG-182193
JP2012131233	A	2012-07-12	JP2012131233
IL219469	A	2012-06-28	IL-219469
US20120146321	A1	2012-06-14	US20120146321
EP2457197	A2	2012-05-30	EP2457197
CN101044527	B	2012-02-29	CN101044527B
EP2160721	A4	2012-01-18	EP2160721
US8072330	B1	2011-12-06	US8072330
RU2010100822	A	2011-07-20	RU2010100822
WO2010/135629	A3	2011-02-24	WO2010135629
WO2010/135629	A2	2010-11-25	WO2010135629
JP2010528911	A	2010-08-26	JP2010528911
CN101779225	A	2010-07-14	CN101779225
IL202692	A	2010-06-30	IL-202692

IN0046/MUMNP/2010	A	2010-06-25	IN2010MN00046
KR20100061439	A	2010-06-07	KR20100061439
EP2160721	A1	2010-03-10	EP2160721
MX2009013666	A	2010-02-24	MX2009013666
US7602300	B2	2009-10-13	US7602300
US7557717	B2	2009-07-07	US7557717
WO2008/154344	A1	2008-12-18	WO2008154344
CA2695056	A1	2008-12-18	CA2695056
EP1784802	A4	2008-11-19	EP1784802
US7411499	B2	2008-08-12	US7411499
US20080143537	A1	2008-06-19	US20080143537
US20070285257	A1	2007-12-13	US20070285257
JP2007534522	A	2007-11-29	JP2007534522
CN101044527	A	2007-09-26	CN101044527
US7233246	B2	2007-06-19	US7233246
EP1784802	A2	2007-05-16	EP1784802
US20070103309	A1	2007-05-10	US20070103309
WO2005/102000	A3	2007-03-29	WO2005102000
US7183918	B1	2007-02-27	US7183918
WO2005/102000	A2	2005-11-03	WO2005102000
CA2597168	A1	2005-11-03	CA2597168
US20050237202	A1	2005-10-27	US20050237202

Abstract

(EP1784802)

A hard cover product (10) having an outer line« d2) attached to a pair of sheet members (14,16) disposed in spaced-apart relation to define a gap (22). One of the hard sheet members defines a receiving zone that receives a security tag (24). An inner liner (18) attaches overlying the pair of hard sheet members and concealing the security tag within the receiving zone. The gap (22) between the pair of sheet members dines a spine for the hard cover product, whereby the opposing hard sheets refining a front cover and back cover that move together foldably. The hard cover product can be made from an intermediate cover board in which a primary sheet has a first thickness and opening planar surfaces define an opening in a selected portion of the sheet to receive a security device (24). A pair of opposing secondary sheets laminate to the opposing planar surfaces of the primary sheet to enclose the security. The hard cover product defines a gap in spine portion which receives a security device (24).

Inventors

NICHOLS DALE

Latest standardized assignees - inventors removed

SMARTGUARD

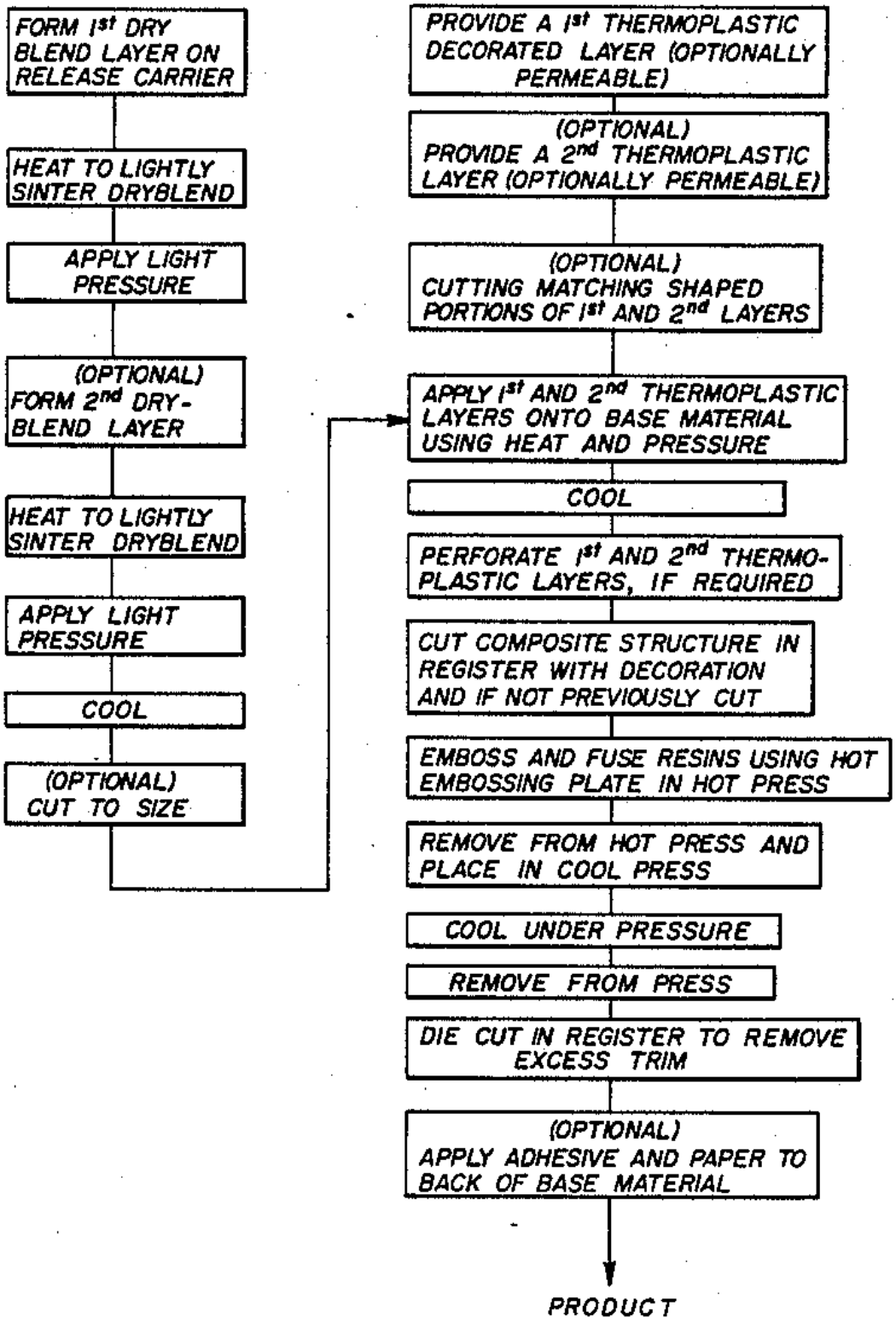
Family 86/100 - FAMPAT - ©Questel

Title

(US4747901)

Process for making a stress-free embossed and ornament surface covering

Images



Publication data including kind & date

DE3641515	C2	1991-05-29	DE3641515
FR2591148	B1	1990-11-02	FR2591148
IT1213369	B	1989-12-20	IT1213369
CH672288	A5	1989-11-15	CH-672288
AU582029	B2	1989-03-09	AU-582029
US4791015	A	1988-12-13	US4791015
ES2003598	A6	1988-11-01	ES2003598
US4747901	A	1988-05-31	US4747901
CN86108379	A	1987-10-07	CN86108379

NL8603143	A	1987-07-01	NL8603143
GB2184400	A	1987-06-24	GB2184400
JPS62138237	A	1987-06-22	JP62138237
FR2591148	A1	1987-06-12	FR2591148
DE3641515	A1	1987-06-11	DE3641515
FI864582	A	1987-06-11	FI8604582
DK590986	A	1987-06-11	DK8605909
NO864946	L	1987-06-11	NO-864946
SE8605263	L	1987-06-11	SE8605263
AU6616286	A	1987-06-11	AU8666162
BE905879	A	1987-06-09	BE-905879
LU86708	A1	1987-05-04	LU--86708
GR862885	B	1987-04-14	GR-862885
GB8629555	D0	1987-01-21	GB8629555
DK590986	D0	1986-12-09	DK8605909
NO864946	D0	1986-12-09	NO8604946
SE8605263	D0	1986-12-09	SE8605263
FI864582	A0	1986-11-11	FI8604582
IT8622093	D0	1986-10-22	IT8622093

Abstract

(US4747901)

The process for making a dimensionally stable, embossed, ornamented surface covering suitable for use as a floor or wall tile, involving, laminating and embossing a resinous thermoplastic top layer having a plurality of openings extending through its thickness to allow the escape of air and extending to a base material or substrate of pre-formed, low-density, reinforced, porous thermoplastic material. The composite structure is subjected to heat and pressure in a flatbed press to emboss the structure without deformation, fuse the resins and render the top layer substantially impermeable. The improvement comprises the use of a rigid vinyl wear layer in a two step embossing operation involving a first embossing step in a heated press and immediately thereafter a second embossing step in a cooled press. The improvement also comprises partly providing a second resinous thermoplastic layer between the top layer and the base material, the second layer being capable of allowing passage of air through its thickness during the embossing and fusion step, and being adapted to soften and flow before the top layer does, thereby assuring complete closure of all openings in the top layers of the product.

Inventors

BECKER STEPHEN E

FORRY JOHN S

LEWICKI JR WALTER J

RINGER RICHARD M

Latest standardized assignees - inventors removed

ARMSTRONG WORLD INDUSTRIES

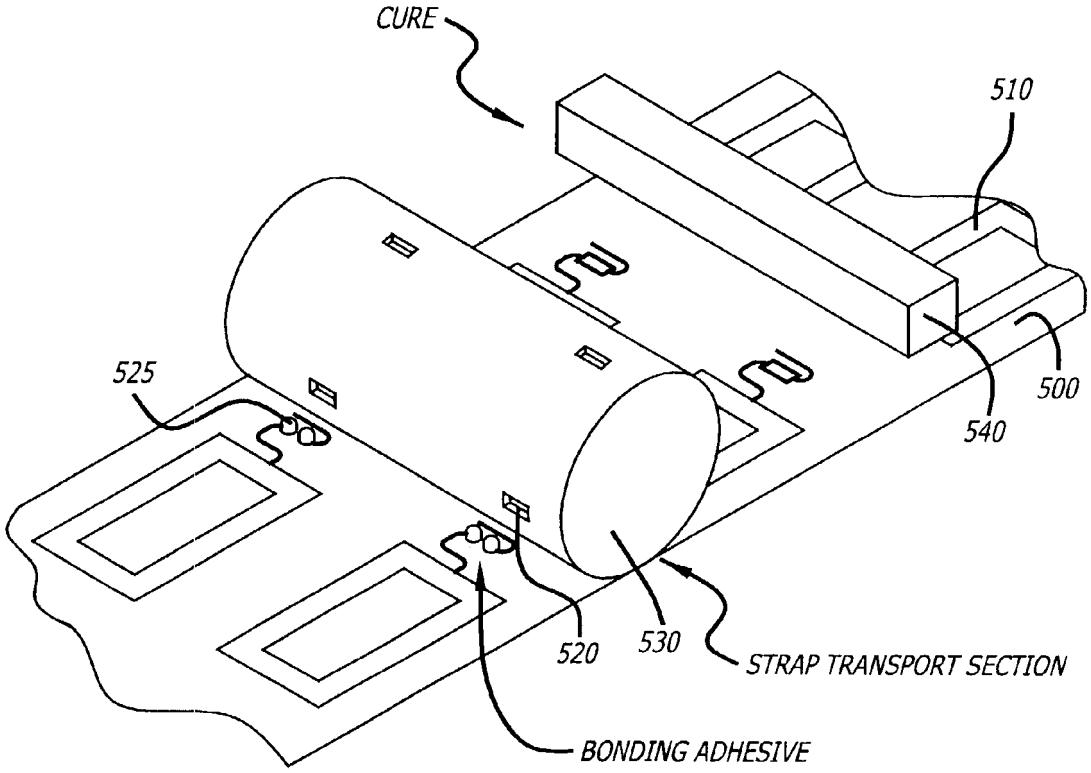
Family 87/100 - FAMPAT - ©Questel

Title

(EP1470528)

Method for manufacturing rfid labels

Images



Publication data including kind & date

CA2816180	C	2019-05-07	CA2816180
BRPI0306992	B1	2017-08-29	BRPI0306992
CA2816324	C	2017-05-23	CA2816324
ES2270072	T5	2017-04-25	ES2270072
DE60305295	T3	2017-03-02	DE60305295
ES2588207	T3	2016-10-31	ES2588207
EP1470528	B2	2016-10-05	EP1470528
CA2816158	C	2016-09-13	CA2816158
EP2306372	B1	2016-08-10	EP2306372
BRPI0306992	A2	2016-07-12	BR200306992
CA2473729	C	2015-12-08	CA2473729
ES2551274	T3	2015-11-17	ES2551274
EP1693792	B1	2015-08-12	EP1693792
US8246773	B2	2012-08-21	US8246773
JP4860918	B2	2011-11-11	JP4860918
EP2306372	A1	2011-04-06	EP2306372
CN101159036	B	2010-11-10	CN101159036B
KR100967856	B1	2010-07-05	KR100967856
JP2009048662	A	2009-03-05	JP2009048662
US20080142154	A1	2008-06-19	US20080142154
US7368032	B2	2008-05-06	US7368032
AU2003267938	B2	2008-04-24	AU2003267938
US7361251	B2	2008-04-22	US7361251
CN101159036	A	2008-04-09	CN101159036
DE20321502	U1	2007-10-25	DE20321502
CN100342395	C	2007-10-10	CN100342395C
ES2270072	T3	2007-04-01	ES2270072
DE60305295	T2	2007-01-18	DE60305295

BRPI0306992	A1	2006-11-07	BR200306992
US20060213609	A1	2006-09-28	US20060213609
EP1693792	A1	2006-08-23	EP1693792
DE60305295	D1	2006-06-22	DE60305295
AT326734	T	2006-06-15	ATE326734
EP1470528	B1	2006-05-17	EP1470528
US20050252605	A1	2005-11-17	US20050252605
US6951596	B2	2005-10-04	US6951596
DE03748885	T1	2005-09-29	DE03748885T
JP2005520266	A	2005-07-07	JP2005520266
CN1628321	A	2005-06-15	CN1628321
EP1470528	A2	2004-10-27	EP1470528
MXPA04006913	A	2004-10-15	MX2004PA006913
KR20040075095	A	2004-08-26	KR20040075095
WO03/105063	A3	2004-07-29	WO2003105063
AU2003267938	A1	2003-12-22	AU2003267938
WO03/105063	A2	2003-12-18	WO2003105063
CA2473729	A1	2003-12-18	CA2473729
CA2816158	A1	2003-12-18	CA2816158
CA2816180	A1	2003-12-18	CA2816180
CA2816324	A1	2003-12-18	CA2816324
US20030136503	A1	2003-07-24	US20030136503

Abstract

(EP1470528)

An RFID webstock containing a relatively high pitch-density array of semiconductive chips is provided and joined to a web bearing relatively widely spaced antennas in a continuous process. The RFID webstock is separated or cut into individual chip sections, with the spacing of the chips being increased as the RFID webstock is die cut. The individual chips on the sections are then joined to corresponding antennas to form an RFID inlay stock. This process is conducive to high speed roll-to-roll production of RFID tag and label roll stock.

Inventors

GREEN ALAN

BENOIT DENNIS RENE

Latest standardized assignees - inventors removed

AVERY DENNISON

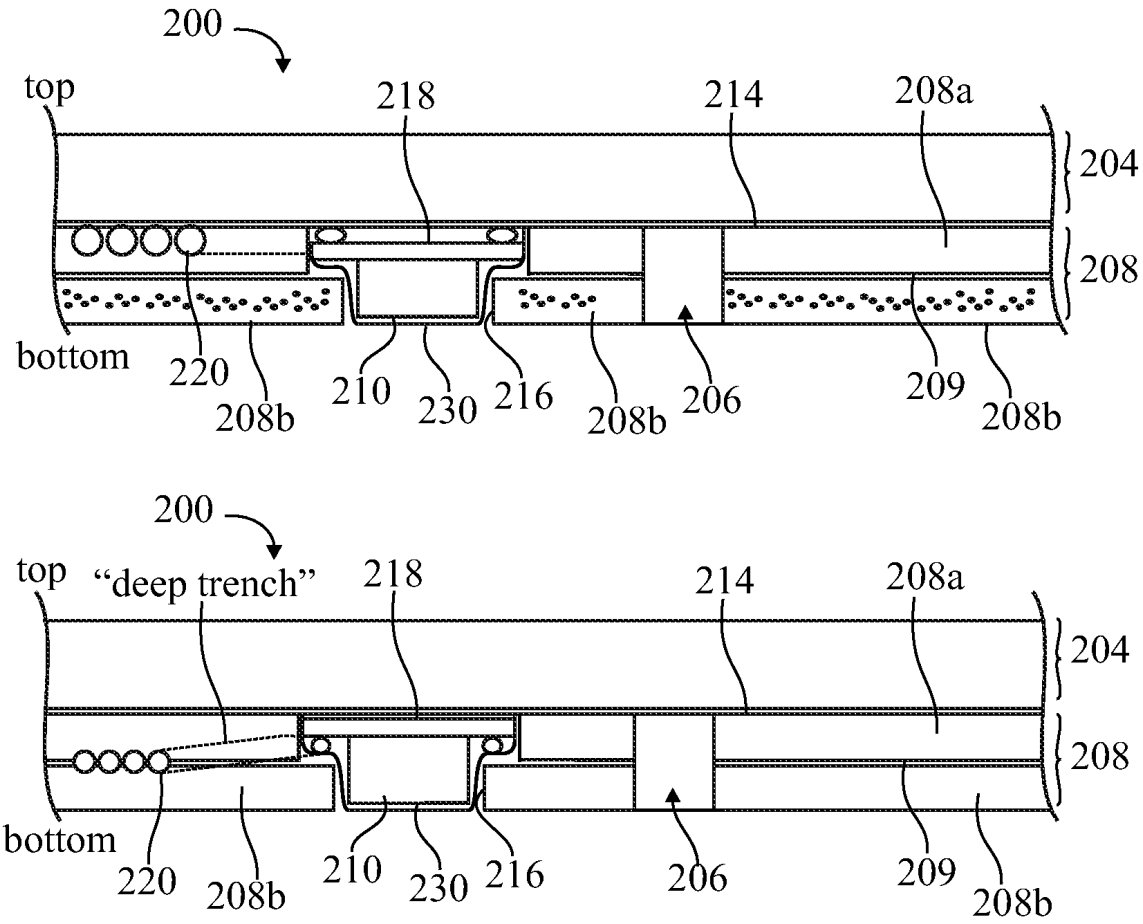
Family 88/100 - FAMPAT - ©Questel

Title

(EP2332097)

Inlays for security documents

Images



Publication data including kind & date

US20150227829	A1	2015-08-13	US20150227829
US8955759	B2	2015-02-17	US8955759
US20140060722	A1	2014-03-06	US20140060722
US8608080	B2	2013-12-17	US8608080
EP2332097	A2	2011-06-15	EP2332097
WO2010/023272	A3	2010-07-01	WO201023272
WO2010/023272	A2	2010-03-04	WO201023272
CA2740994	A1	2010-03-04	CA2740994
US20090315320	A1	2009-12-24	US20090315320

Abstract

(EP2332097)

Secure inlays for secure documents (200) such as a passport comprising an inlay substrate (208, 308, 408, 508, 608) may have laser ablated recesses (216, 316, 516, 616) within which a chip module (210, 510, 610) is installed. Channels for an antenna wire (220, 420, 520, 620) may be formed in a surface of the substrate. Patches (230, 542, 642) homogenous with the substrate layer may be used to protect and seal the chip and interconnection area. The inlay substrate may include two layers (208a, 208b), and the antenna wire may be between the two layers. A moisture-curing polyurethane hot melt adhesive may be used to laminate a cover layer and the additional inlay substrate layers. The adhesive layer may include metal nanoscale powder and ink for electro-magneticshielding. Additional security elements may include material that is optically changeable by an electro-magnetic field.

Inventors

FINN DAVID

Latest standardized assignees - inventors removed

FEINICS AMATECH TEORANTA

ASSA ABLOY

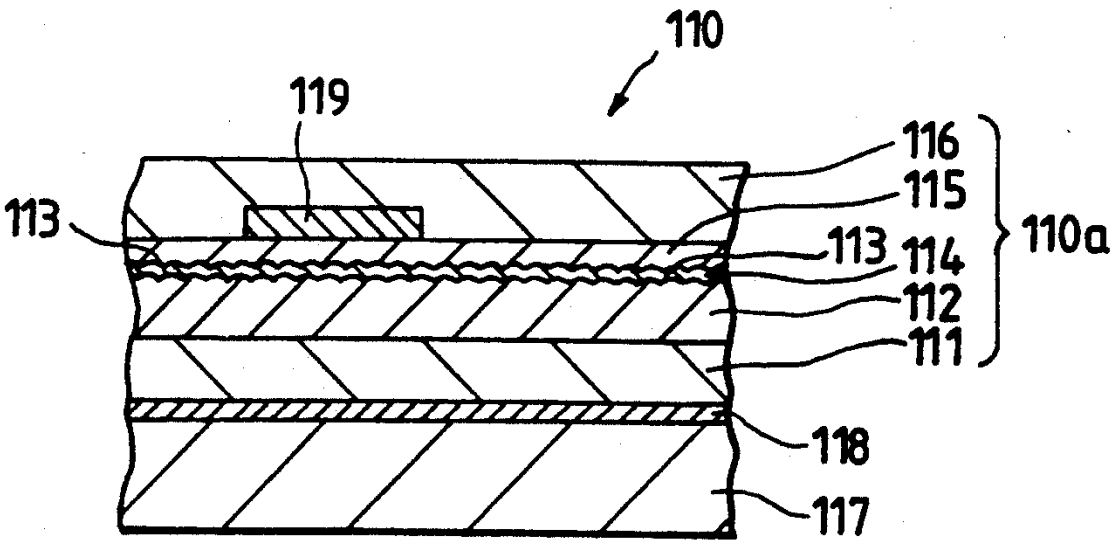
Family 89/100 - FAMPAT - ©Questel

Title

(US5200253)

Hologram forming sheet and process for producing the same

Images



Publication data including kind & date

JP2896166	B2	1999-05-31	JP2896166
JP2896167	B2	1999-05-31	JP2896167
GB2237774	B	1994-03-30	GB2237774
US5200253	A	1993-04-06	US5200253
JPH0416477	U	1992-02-10	JP04016477U
GB2237774	A	1991-05-15	GB2237774
JP03069986	A	1991-03-26	JP03069986
JPH0368982	A	1991-03-25	JP03068982
JPH0368983	A	1991-03-25	JP03068983
JPH0368984	A	1991-03-25	JP03068984
JPH0368988	A	1991-03-25	JP03068988
JP03068987	A	1991-03-25	JP03068987
DE4025296	A1	1991-02-14	DE4025296
GB9017320	D0	1990-09-19	GB9017320

Abstract

(US5200253)

A thin film of molten polypropylene resin extruded from a T die is pressed and cooled with a chill roll equipped with a hologram relief master plate on its peripheral surface, whereupon a hologram pattern is simultaneously formed as an integral part of the polypropylene resin sheet being molded. Since the polypropylene resin has a Rockwell hardness of at least 70, the hologram pattern formed in the resulting hologram forming sheet is less likely to be damaged or lost during subsequent processing.

Inventors

YAMAGUCHI MASAHISA

FUJII HITOSHI

KOBAYASHI SHUICHI

KAWAI TAKAHIRO

Latest standardized assignees - inventors removed

DAI NIPPON INSATSU

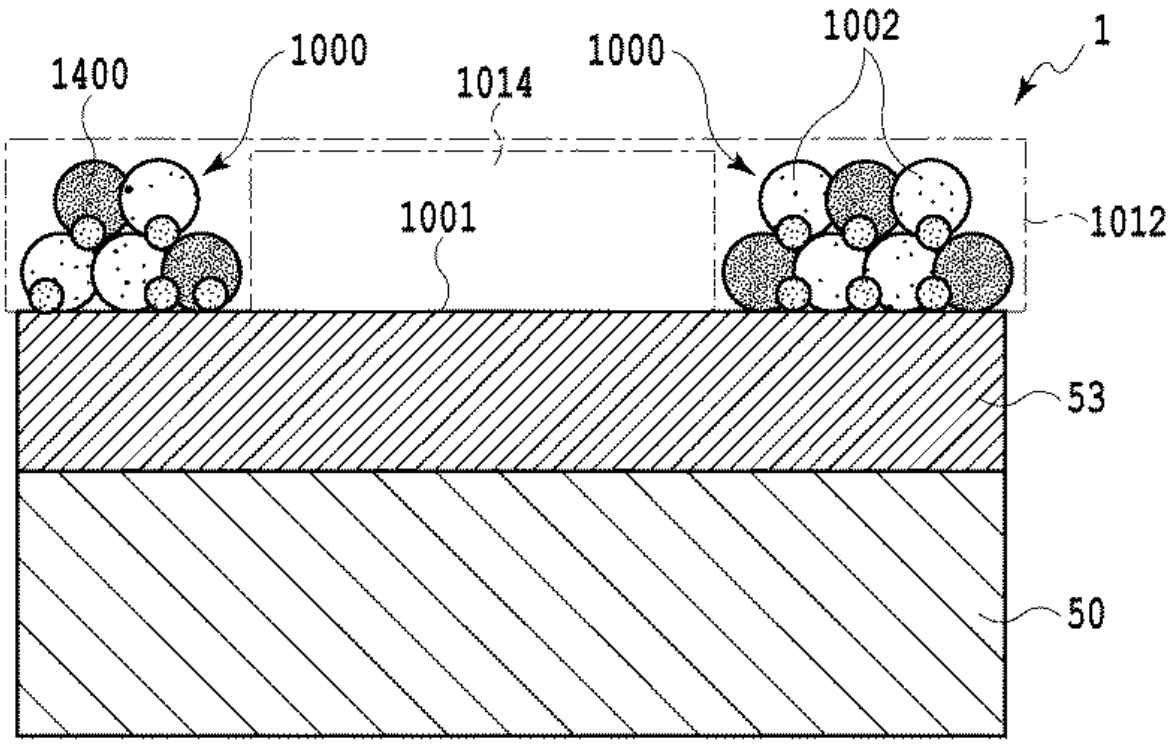
Family 90/100 - FAMPAT - ©Questel

Title

(JP2018043362)

Transfer material, recorded matter, method for manufacturing transfer material, method for manufacturing recorded matter, device for manufacturing recorded matter and device for manufacturing transfer material

Images



Publication data including kind & date

JP2018043362 A 2018-03-22 JP2018043362

Abstract

(JP2018043362)

PROBLEM TO BE SOLVED: To provide a transfer material that can improve adhesion property to an image support body without image blur and a decline in recording property such as recording resolution.

SOLUTION: In a transfer material, an ink receiving layer 53 is a cavity absorption type and an adhesion layer 1012 is discretely provided at a surface of the ink receiving layer 53 so that an exposed part 1001 is left at the surface of the ink receiving layer 53.

SELECTED DRAWING: Figure 1

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Inventors

SUMIKAWA YUSUKE

TSUTSUI TAKAHIRO

HIRABAYASHI HIROMITSU

Latest standardized assignees - inventors removed

CANON FINETECH NISCA

Family 91/100 - FAMPAT - ©Questel

Title

(EP-755803)

Lithographic form plate

Images

FIG. 1

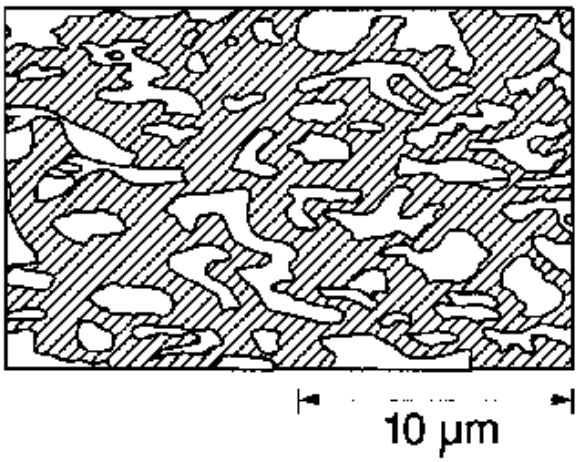


FIG. 2

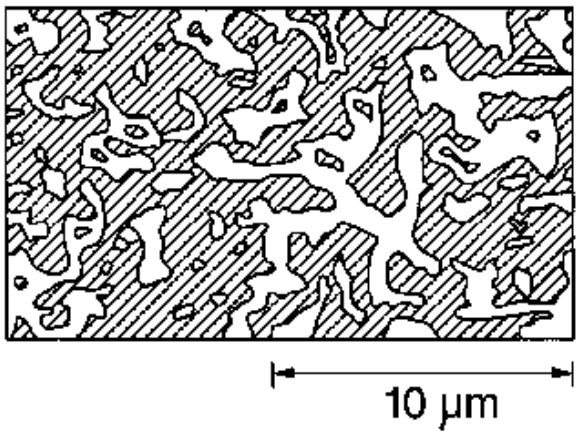
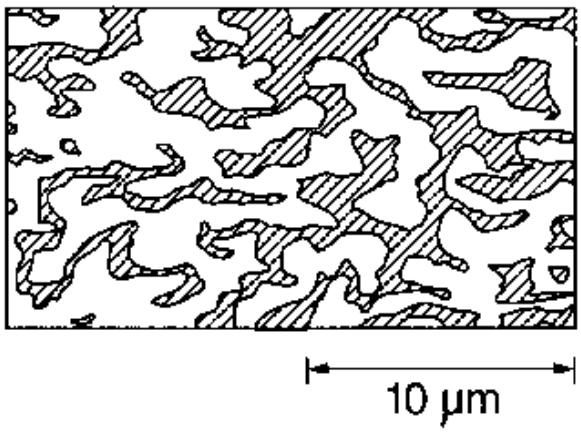


FIG. 3



Publication data including kind & date

CN1103698	C	2003-03-26	CN1103698C
DE69614050	T2	2002-03-21	DE69614050
DE69614050	D1	2001-08-30	DE69614050
EP0755803	B1	2001-07-25	EP-755803
US6093509	A	2000-07-25	US6093509
TW351703	B	1999-02-01	TW-351703
EP0755803	A4	1997-06-18	EP-755803
CN1152278	A	1997-06-18	CN1152278
KR19977002158	A	1997-05-13	KR19977002158

KR970702158	A	1997-05-13	KR19970702158
EP0755803	A1	1997-01-29	EP-755803
WO96/25295	A1	1996-08-22	WO9625295
CA2187784	A1	1996-08-22	CA2187784

Abstract

(EP0755803)

A lithographic printing plate, in which (1) the non-image area of a hydrophilic swellable layer is 1 to 50 g/m<2> in water absorbability, and the water absorbability of the image area is less than that of the non-image area, (2) the non-image area of a hydrophilic swellable layer is 0.01 to 10 kg/mm<2> in initial modulus, and the initial modulus of the image area is larger than that of the non-image area, (3) the non-image area of a hydrophilic swellable layer is 10 to 2000% in water swelling ratio, and the water swelling ratio of the image area is less than that of the non-image area, or (4) the hydrophilic swelling layer has a phase separated structure consisting of at least two phases; a phase mainly composed of a hydrophilic polymer and a phase mainly composed of a hydrophobic polymer, can be produced from a new photosensitive lithographic original plate simple in development treatment, highly repellent against ink even without being etched, and allowing the use of pure water as dampening water.

Inventors

ISONO MASANAO
BABA YUZURU
TABATA NORIKAZU
IKEDA NORIMASA

Latest standardized assignees - inventors removed

TORAY INDUSTRIES

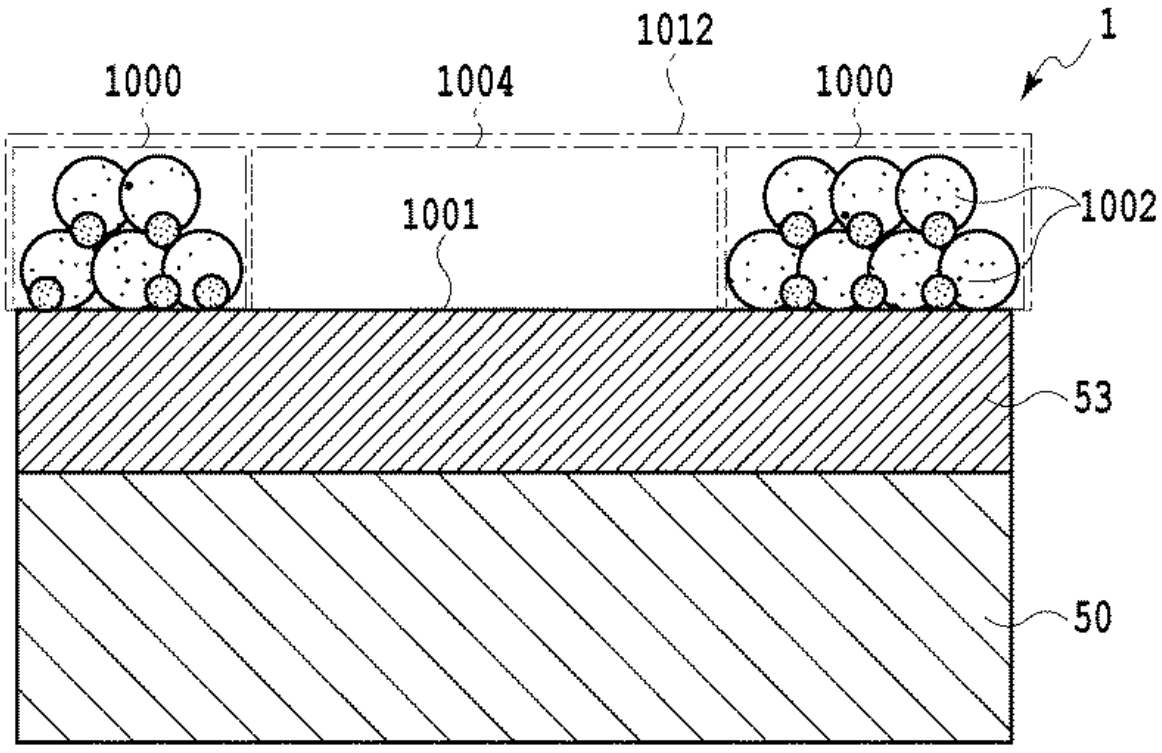
Family 92/100 - FAMPAT - ©Questel

Title

(JP2018144499)

Transfer material, manufacturing apparatus of record, and manufacturing method of record

Images



Publication data including kind & date

JP2018144499	A	2018-09-20	JP2018144499

Abstract

(JP2018144499)
PROBLEM TO BE SOLVED: To provide a transfer material capable of improving adhesiveness to an image support medium without lowering recording characteristics such as image bleeding or record resolution.
SOLUTION: An ink receiving layer 53 is a gap absorption type, and an adhesion layer 1012 is provided discretely on the surface of the ink receiving layer 53 so as to remain an exposed part 1001 on the surface of the ink receiving layer 53.
SELECTED DRAWING: Figure 1
COPYRIGHT: (C)2018,JPO&INPIT

Inventors

SUMIKAWA YUSUKE
TSUTSUI TAKAHIRO
HIRABAYASHI HIROMITSU

Latest standardized assignees - inventors removed

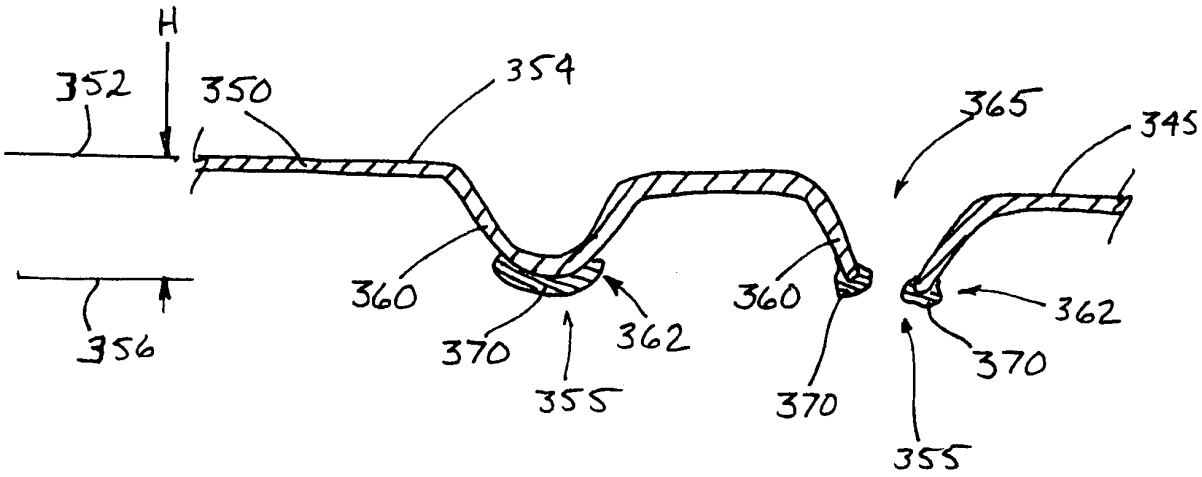
CANON FINETECH NISCA

Family 93/100 - FAMPAT - ©Questel

Title

(EP2120826)
Printed web

Images



Publication data including kind & date

IN287890	B	2017-10-06	IN-287890
CN101616650	B	2014-06-18	CN101616650B
BRPI0807005	A2	2014-04-15	BR200807005
ES2443595	T3	2014-02-19	ES2443595
EP2389910	B1	2013-11-13	EP2389910
JP5242595	B2	2013-04-12	JP5242595
KR101143662	B1	2012-05-24	KR101143662
CA2679054	C	2012-03-27	CA2679054
EP2389910	A1	2011-11-30	EP2389910
ES2369377	T3	2011-11-30	ES2369377
RU2430206	C2	2011-09-27	RU2430206
AT516000	T	2011-07-15	ATE516000
EP2120826	B1	2011-07-13	EP2120826
RU2009127029	A	2011-03-27	RU2009127029

US7736688	B2	2010-06-15	US7736688
JP2010517709	A	2010-05-27	JP2010517709
IL200479	A	2010-04-29	IL-200479
IN4871/DELNP/2009	A	2010-04-23	IN2009DN04871
CN101616650	A	2009-12-30	CN101616650
EP2120826	A2	2009-11-25	EP2120826
KR20090105971	A	2009-10-07	KR20090105971
MX2009009003	A	2009-09-02	MX2009009003
AR065438	A1	2009-06-10	AR--65438
WO2008/103650	A3	2008-10-16	WO2008103650
WO2008/103650	A2	2008-08-28	WO2008103650
US20080208154	A1	2008-08-28	US20080208154
AU2008218820	A1	2008-08-28	AU2008218820
CA2679054	A1	2008-08-28	CA2679054

Abstract

(EP2120826)

A web having printed thereon a colorant and/or a composition providing a skin health benefit. The web can be a three-dimensional, fluid pervious, polymeric web or a nonwoven web. The web can comprise a pattern of protrusions, a pattern of interconnecting members, the interconnecting members defining apertures. The apertures are defined in a first surface of the web in a first plane of the web, and extend in sidewall portions to a second surface in a second plane of the web. A colorant or lotion composition can be deposited on at least a portion of the second surface of the web.

Inventors

OETJEN DAVID CHRISTOPHER

UEMINAMI ATSUSHI

WEISMAN PAUL THOMAS

Latest standardized assignees - inventors removed

PROCTER & GAMBLE

Family 94/100 - FAMPAT - ©Questel

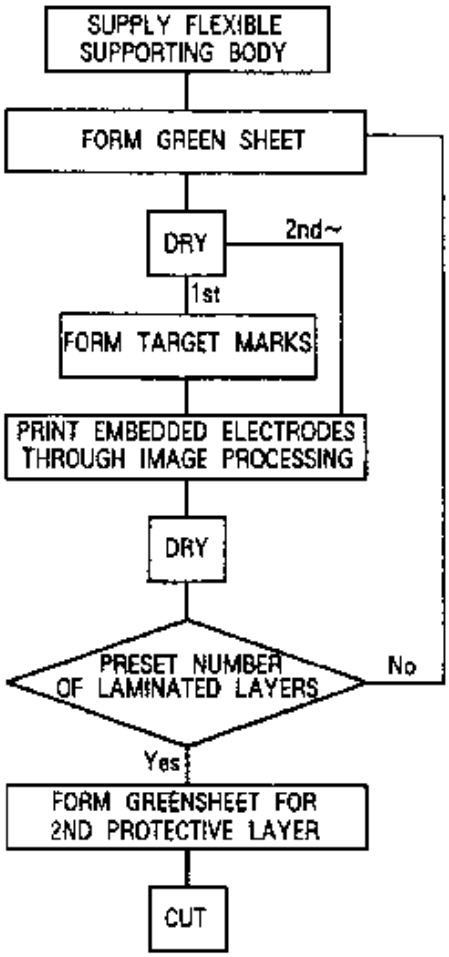
Title

(EP-709866)

Manufacturing method and manufacturing apparatus for ceramic electronic components

Images

FIG. 1



Publication data including kind & date

JP3687757	B2	2005-06-17	JP3687757
MY119247	A	2005-04-30	MY-119247
JP3599201	B2	2004-09-24	JP3599201
DE69530651	T2	2004-03-25	DE69530651
HU222941	B1	2003-12-29	HU-222941
DE69530651	D1	2003-06-12	DE69530651
EP0709866	B1	2003-05-07	EP-709866
CN1095175	C	2002-11-27	CN1095175C
KR100261756	B1	2000-07-15	KR100261756
US5935365	A	1999-08-10	US5935365

US5716481	A	1998-02-10	US5716481
EP0709866	A3	1997-09-10	EP-709866
HUT76211	A	1997-07-28	HU-T76211
JPH0992587	A	1997-04-04	JP09092587
JP09092566	A	1997-04-04	JP09092566
JP08276414	A	1996-10-22	JP08276414
CN1129843	A	1996-08-28	CN1129843
KR960014065	A	1996-05-22	KR19960014065
EP0709866	A2	1996-05-01	EP-709866
HU9503096	D0	1995-12-28	HU9503096

Abstract

(EP0709866)

An unbaked ceramic layer is formed by applying a ceramic paste on to an organic flexible supporting body. First target marks are formed on the flexible supporting body before or after this process. Then, the positioning for printing electrodes is performed based upon information obtained through image processing of the first target marks, to print the electrodes on the unbaked ceramic layer. With this, a manufacturing method for ceramic electronic components that can minimize positional misalignment in electrode patterns is provided.

Inventors

KOBAYASHI RYO
YAGI HIROSHI
ISHIGAKI TAKAYA
SHIRAI SHIGEHIKO
TSUNODA EIZOU
KAWASAKI KAORU
HOSOGAYA RYUJI
CHIBA YASUNORI
YODOKAWA YOSHIMI
KANZAKI MINORU
ITO MASATOSHI
ABE TAKACHI
IZUMIBE YASUSHI

Latest standardized assignees - inventors removed

TDK

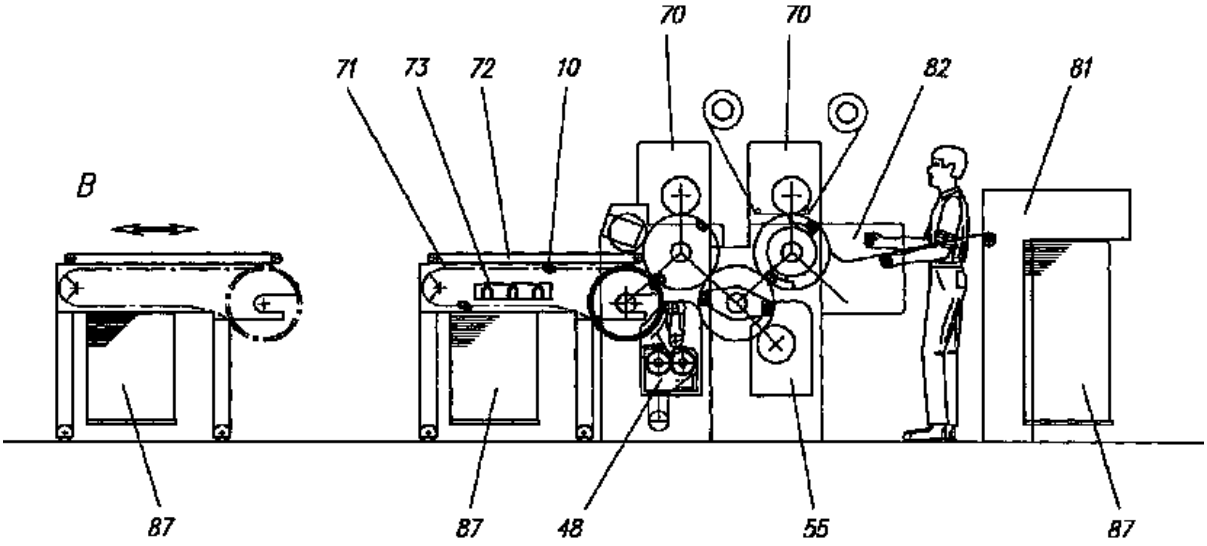
Family 95/100 - FAMPAT - ©Questel

Title

(DE202004010796)

Arrangement for offline or inline processing of strip-shaped substrates, e.g. paper, cardboard, plastic, has off-cut repository combined with conventional chain-operated stacking repository

Images



Publication data including kind & date

DE202004010796 U1 2004-09-16 DE202004010796

Abstract

(DE202004010796)

The arrangement employs a rotation process in which the substrate is inserted in the feed direction between two rotating processing rollers and passed through tool parts acting in the working gap followed by a multiple display. The off-cut repository can be combined with a conventional stacking repository : An independent claim is also included for the following: (a) a tool plate for offline or inline processing of strip-shaped substrates (b) and tool parts for offline or inline processing of strip-shaped substrates.

Latest standardized assignees - inventors removed

HESTERMAN EBE

SCHOBER WERKZEUG & MASCHINENBAU

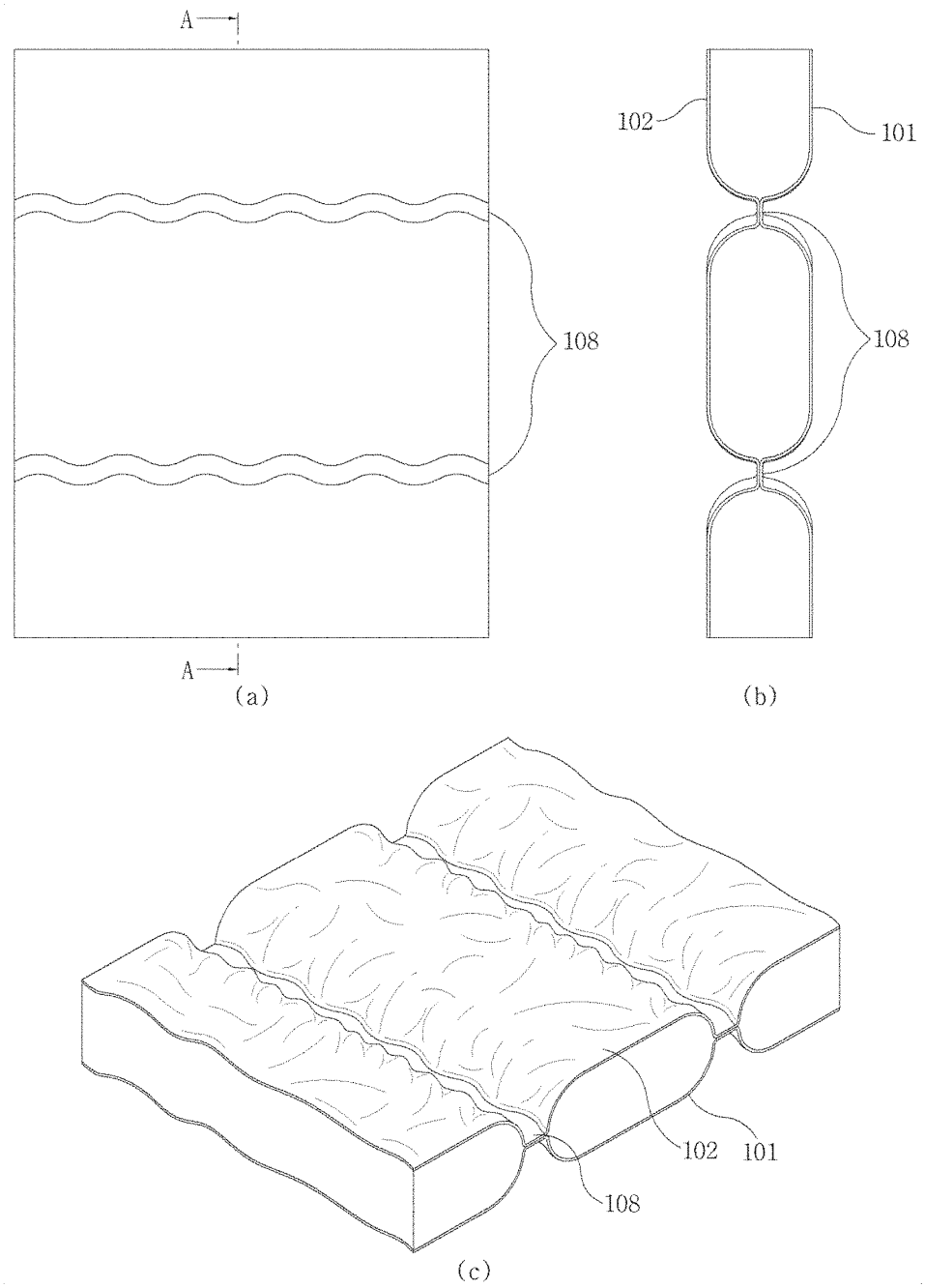
Family 96/100 - FAMPAT - ©Questel

Title

(EP3202274)

Down product having joining pattern line produced by high-frequency bonding technique and method for manufacturing same

Images



Publication data including kind & date

US10271599	B2	2019-04-30	US10271599
EP3202274	A4	2018-05-23	EP3202274
US20170280802	A1	2017-10-05	US20170280802
CN105848508	B	2017-08-15	CN105848508B
EP3202274	A1	2017-08-09	EP3202274
JP2017503931	A	2017-02-02	JP2017503931
JP6078207	B2	2017-01-20	JP6078207
VN48752	A	2016-09-26	VN--48752
CN105848508	A	2016-08-10	CN105848508
WO2016/052839	A1	2016-04-07	WO201652839
KR101537505	B1	2015-07-17	KR101537505

Abstract

(EP3202274)

The present invention can manufacture a down product comprising at least one bonding pattern line for the compartment separation without forming sewing holes by a process comprising: printing and drying a heat-reactive adhesive on the inner surface of an inner fabric, an optional mesh material and/or an outer fabric in a predetermined pattern, laminating said inner fabric, optional mesh material and/or outer fabric, and then high-frequency heating them under pressing with a pressing pattern the same as the printing pattern to bond the inner fabric, optional mesh material and outer fabric. Since the present invention manufactures a double fabric by employing a high-frequency bonding manner in which a heat-reactive adhesive is used and/or a pre-bonding post-cutting manner in which firstly a double fabric is manufactured by forming a compartment separation line and secondly the double fabric is subjected to a cutting process, it is possible to manufacture a down product having a bonding pattern line which is composed of a bonding line with excellent adhesiveness and durability and an aesthetically excellent pattern line with a good clearness and finishing quality as well as to achieve a mass production of down products by mechanization and automation.

Inventors

PARK YOUNG CHUL

CHAE SOO HAN

Latest standardized assignees - inventors removed

HOJEON

Family 97/100 - FAMPAT - ©Questel

Title

(EP-888480)

Cellulosic web with a contaminant barrier or trap

Images

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Abstract

(EP0888480)

A rigid or semi-rigid cellulosic sheet having barrier or trap properties. The sheet is composed of a layer of randomly oriented cellulosic fibers and a layer or a coating which can act as a barrier or a trap for contaminants from the layer of the cellulosic material. This layer comprises an effective permanent absorbing amount of a cyclodextrin compound.

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Latest standardized assignees - inventors removed

BAYLOR COLLEGE OF MEDICINE

Family 98/100 - FAMPAT - ©Questel

Title

(EP1164389)

System and method for manufacturing improved data display retroreflective sheeting

Images

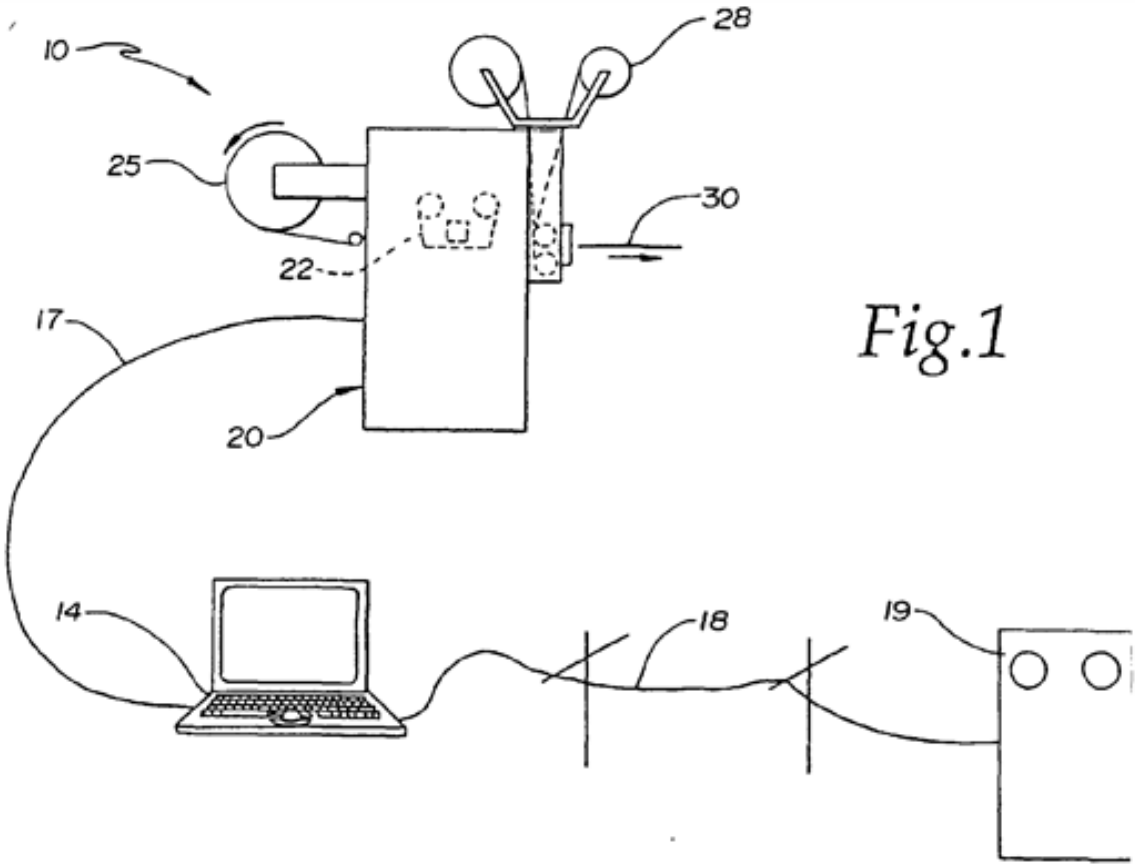


Fig.1

Fig.2



Publication data including kind & date

CA2155314	C	2007-05-22	CA2155314
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Abstract

(EP1164389)

A portable system and method for printing variable information indicia on a reflective sign comprises providing a first polymeric sign component having a surface suitable for receiving a printed image. A definition of an image to be printed on the first sign component is provided to a portable computer. Indicia in the form of images is then rapidly transferred to the surface of the first sign component.

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Latest standardized assignees - inventors removed

3M

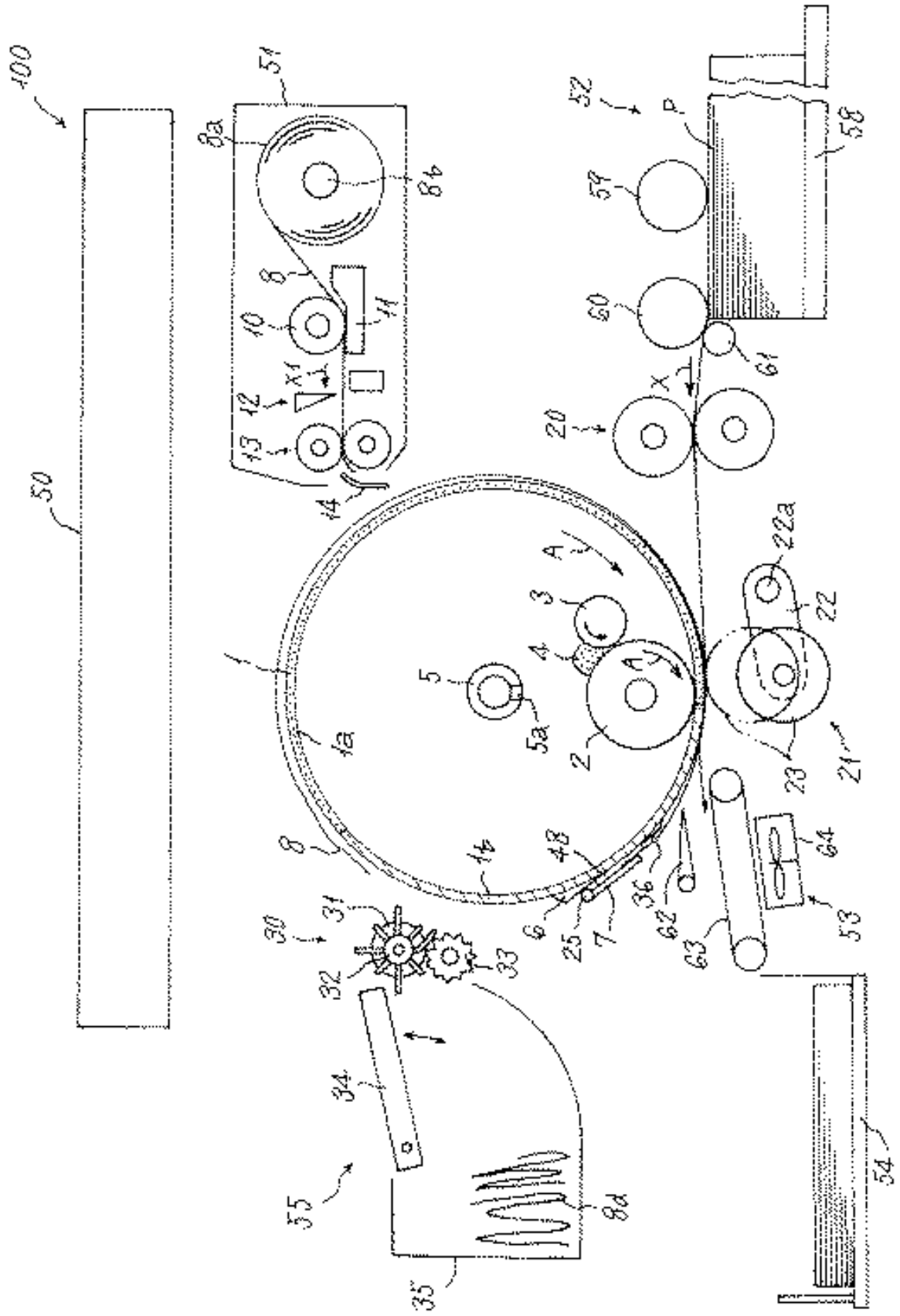
Family 99/100 - FAMPAT - ©Questel

Title

(JP2007245510)

Printing plate discharging apparatus and stencil printing apparatus

Images



Publication data including kind & date

JP4903463	B2	2012-01-13	JP4903463
CN101037061	B	2010-05-26	CN101037061B
JP2007245510	A	2007-09-27	JP2007245510
CN101037061	A	2007-09-19	CN101037061

Abstract

(JP2007245510)

PROBLEM TO BE SOLVED: To provide a new printing plate discharging apparatus capable of preventing a master released from a printing drum with any strength from winding itself around a pair of printing plate discharging rollers, and realizing preventing the master from winding itself around a pair of the printing plate discharging rollers by a simple and inexpensive constitution, and to provide a stencil printing apparatus having it.

SOLUTION: In a shape of an elastic blade 32a on a blade roller 32 of a pair of the printing plate discharging rollers 30, lengths of a plurality of the elastic blades 32a extending in the centrifugal direction from a roller stem part 32b are formed alternately in the circumferential direction of the blade roller 32, and equally formed in the axial line direction of the rotating shaft 38, namely, their tips are formed all together in the same rotating shaft line direction.

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Latest standardized assignees - inventors removed

TOHOKU RICOH

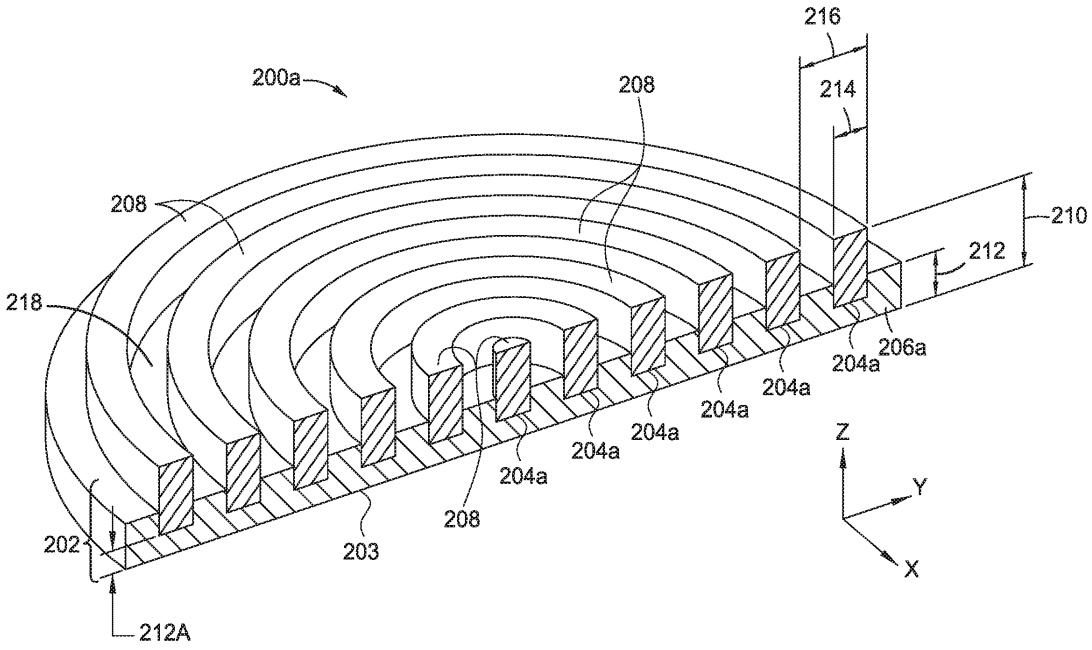
Family 100/100 - FAMPAT - ©Questel

Title

(EP3362224)

Method and apparatus for forming advanced polishing pads using an additive manufacturing process

Images



Publication data including kind & date

EP3362224	A4	2019-04-17	EP3362224
JP2018533487	A	2018-11-15	JP2018533487
EP3362224	A1	2018-08-22	EP3362224
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US20170136603	A1	2017-05-18	US20170136603
WO2017/066077	A1	2017-04-20	WO201766077

Abstract

(EP3362224)

Embodiments of the present disclosure relate to advanced polishing pads with tunable chemical, material and structural properties, and new methods of manufacturing the same. According to one or more embodiments of the disclosure, it has been discovered that a polishing pad with improved properties may be produced by an additive manufacturing process, such as a three-dimensional (3D) printing process. Embodiments of the present disclosure thus may provide an advanced polishing pad that has discrete features and geometries, formed from at least two different materials that include functional polymers, functional oligomers, reactive diluents, addition polymer precursor compounds, catalysts, and curing agents. For example, the advanced polishing pad may be formed from a plurality of polymeric layers, by the automated sequential deposition of at least one polymer precursor composition followed by at least one curing step, wherein each layer may represent at least one polymer composition, and/or regions of different compositions. Embodiments of the disclosure further provide a polishing pad with polymeric layers that may be interpenetrating polymer networks.

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Latest standardized assignees - inventors removed

APPLIED MATERIALS