

Search history

Search step	Result(s)	Query
12	615	10 AND ((BAR 1D CODE) OR (SECURITY 1D MARK))/AB/CLMS/ICLM/TI/TX
11	11014	10 AND ((BAR 1D CODE) OR (SECURITY 1D MARK) OR (ALPHANUMERICAL 1D SYMBOL) OR TEXT OR LOGO OR IMAGE OR SHAPE OR DESIGN)/AB/CLMS/ICLM/TI/TX
10	11317	6 AND 9
9	2867601	(ALKALINE OR (ALKALINE 1D EARTH) OR CARBONATE)/AB/CLMS/ICLM/TI/TX
8	4827	6 AND 7
7	1630202	(ALKALINE OR (ALKALINE 1D EARTH))/AB/CLMS/ICLM/TI/TX
6	33893	4 AND 5
5	170684	((INKJET-PRINT+) OR (OFFSET 1D PRINT) OR (INKJET 1D PRINT+))/AB/CLMS/ICLM/TI/TX
4	114379	2 AND 3
3	48808416	PD<20150313
2	135212	..SIMILARITY SS 1 RANKED 1
1	1	(2016WO-EP54954)/AP

15 Documents

Publication numbers	Title	Current assignees
US20050031806 A1	Composition for an ink acceptable layer of recording medium for inkjet printers and recording medium for using the same	SAMSUNG ELECTRONICS
WO201212724 A1	Coated printable substrates providing higher print quality and resolution at lower ink usage	INTERNATIONAL PAPER
WO200518946 A1	Process for producing inkjet recording medium	NIPPON PAPER INDUSTRIES
WO201427614 A1	Coated printing paper intended for industrial inkjet printer	MITSUBISHI PAPER MILLS
US20080198022 A1	Inkjet printable RFID label and method of printing an inkjet printable RFID label	IMATION
EP2671722 A1	Radiation curable inkjet inks and industrial inkjet printing methods	AGFA
WO200966662 A1	Ink-jet recording paper	NIPPON PAPER INDUSTRIES
US7172376 B1	Inkjet printing paper	NALCO ONE SOURCE, ...
WO200285638 A1	Primed substrates comprising radiation cured ink jetted images	3M
WO201487670 A1	Printing medium composition and printing medium	YUPO
WO2004104118 A1	Ink-jet recording ink , ink-jet recording method, recording medium, and ink-jet recording device	SHARP
WO200302353 A1	Imaged articles comprising a substrate having a primed surface	3M
FI200401664 A0	Printing paper and a method for the production thereof	M REAL
WO201243322 A1	Coated paper for printing and method for forming printed image	MITSUBISHI PAPER MILLS
WO201119609 A1	Durable multilayer inkjet recording media topcoat	BRADY

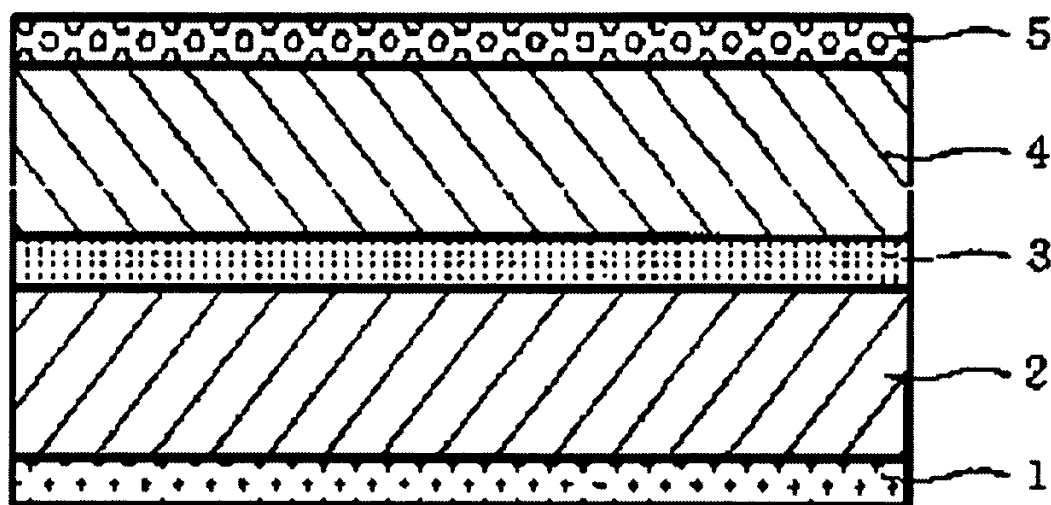
Family 1/15 - FAMPAT - ©Questel

Title

(US20050031806)

Composition for an **ink** acceptable layer of recording medium for **inkjet** printers and recording medium for using the same**Images**

FIG. 1

**Publication data including kind & date**

US20050031806	A1	2005-02-10	US20050031806
CN1579803	A	2005-02-16	CN1579803
KR20050017814	A	2005-02-23	KR20050017814
JP2005059582	A	2005-03-10	JP2005059582
JP3754054	B2	2005-12-22	JP3754054

**Abstract**

(US20050031806)

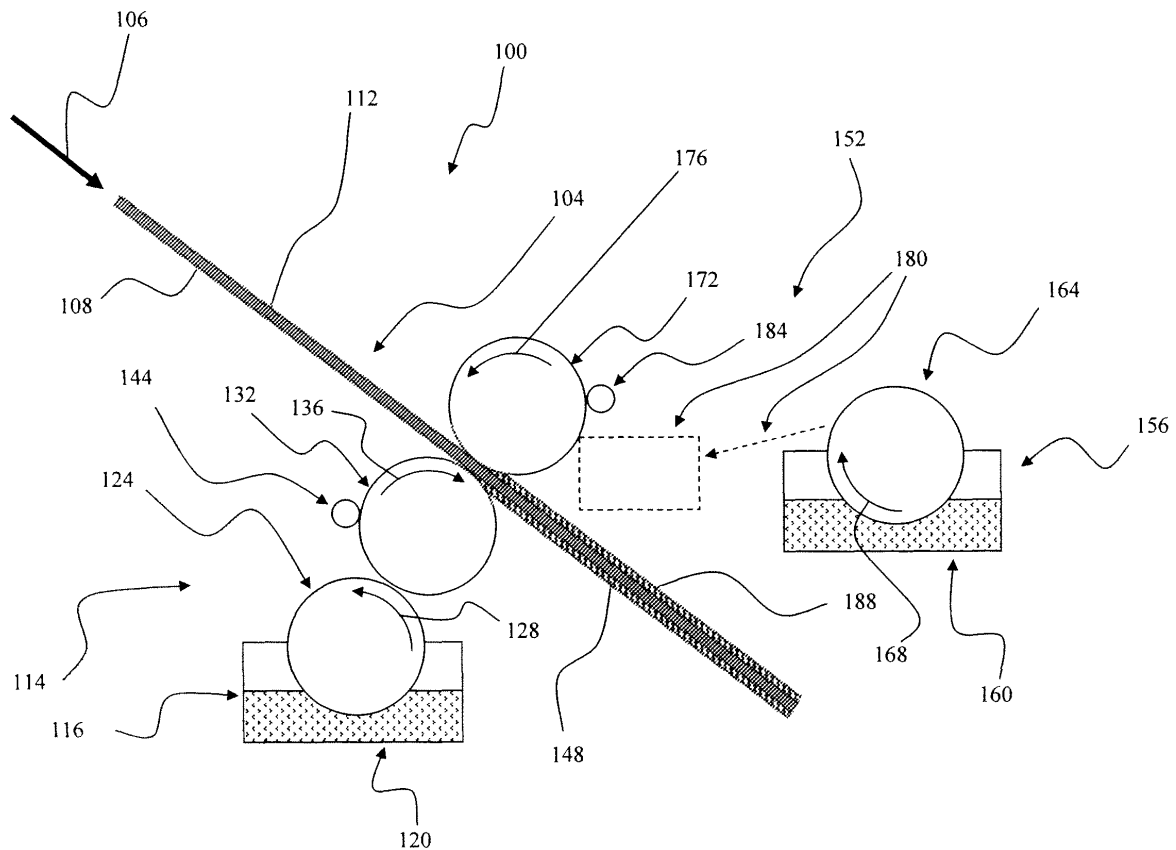
A composition for forming an **ink** acceptable layer of a recording medium for **inkjet** printers and a recording medium for **inkjet** printers using the same. The composition comprises an inorganic filler, hydrophilic binder, core-shell structured cationic latex and polyamide-epichlorohydrin resin, and the recording medium comprises the above-described composition for forming an **ink** acceptable layer. The composition provides a recording medium for **inkjet** printers comprising an **ink** acceptable layer having excellent water and moisture resistance while maintaining a superior **ink** absorption amount and **ink** absorption rate.

Family 2/15 - FAMPAT - ©Questel

Title

(EP2596169)

Coated printable substrates providing higher print quality and resolution at lower **ink** usage**Images**



Publication data including kind & date

WO2012012724	A1	2012-01-26	WO201212724
US20120019587	A1	2012-01-26	US20120019587
CA2806213	A1	2012-01-26	CA2806213
AU2011280943	A1	2013-02-21	AU2011280943
CN103003492	A	2013-03-27	CN103003492
EP2596169	A1	2013-05-29	EP2596169
AU2011280943	B2	2013-06-13	AU2011280943
BR112013001592	A1	2013-07-02	BR112013001592
US8795796	B2	2014-08-05	US8795796
RU2013104131	A	2014-08-27	RU2013104131
IN0679/DELNP/2013	A	2014-10-24	IN2013DN00679
RU2541014	C2	2015-02-10	RU2541014
CN103003492	B	2015-04-08	CN103003492B
BR112013001592	A2	2016-05-17	BR112013001592
CA2806213	C	2016-06-21	CA2806213



Abstract

(EP2596169)

An article in the form of a paper **substrate** having a water-swellable **substrate** coating on at least one of the first and second surfaces at a thickness of less than about 10 microns and. The **substrate** coating has an amount of a coating **pigment** sufficient to impart a Parker Print Smoothness value of at least about 4 to the at least one surface and is dispersed in a water-swellable coating **pigment** binder matrix in a coating **pigment** to binder matrix weight ratio of at least about 2:1. The coating **pigment** has larger porous coating **pigment** particles, and smaller coating **pigment** particles in a weight ratio of at least about 0.2:1. The **substrate** coating provides an **ink-receptive** porous surface. Also, a method for preparing such coated paper substrates, as well as a method for printing an **image** on the coated paper **substrate** with an **inkjet** printer using a lower **ink** usage level.

Family 3/15 - FAMPAT - ©Questel

Title

(EP1658993)

Process for producing **inkjet** recording medium

Images

	안료의 종류	도공액중의 실리카계 안료의 특성		실리카계 안료의 평균 입자경 (μm)	안료중의 (경질 탄산칼슘/실리카)의 비	도공액의 특성			
		흡유량 ($\text{mL}/100\text{g}$)	BET 비표면적 (m^2/g)			편면 도공량 (g/m^2)	허큘리스 점도 ($\text{mPa}\cdot\text{s}$)	B형 점도 ($\text{mPa}\cdot\text{s}$)	고형분 농도 (중량%)
실시에1	합성실리카A	147	80	2.1	0/100	4.7	19.0	300	28.0
실시에2	합성실리카B	122	83	1.3	0/100	4.7	19.8	340	28.0
실시에3	합성실리카C	170	81	2.7	0/100	5.2	19.5	280	28.0
실시에4	합성실리카A	147	80	2.1	0/100	2.5	19.0	300	28.0
실시에5	합성실리카A	147	80	2.1	0/100	6.7	19.0	300	28.0
실시에6	합성실리카A	147	80	2.1	0/100	9.2	19.0	300	28.0
실시에7	합성실리카A+ 경질탄산칼슘H	147	80	2.1	50/50	4.6	19.9	620	30.0
실시에8	"	147	80	2.1	50/50	5.3	19.1	580	30.0
실시에9	"	147	80	2.1	50/50	4.6	19.4	600	30.0
실시에10	"	147	80	2.1	50/50	4.6	20.2	650	30.0
실시에11	합성실리카F	177	104	2.2	0/100	2.4	10.6	260	23.0
실시에12	합성실리카A	147	80	2.1	0/100	5.1	19.0	300	28.0
실시에13	경질탄산칼슘-실리카복합물A	180	30	7.3	30/70	3.6	28.3	650	23.0
실시에14	경질탄산칼슘-실리카복합물B	160	28	4.4	50/50	3.4	25.6	630	25.0
실시에15	경질탄산칼슘-실리카복합물C	140	26	3.6	70/30	3.3	24.3	590	25.0
비교예1	합성실리카D	214	78	3.4	0/100	5.1	21.8	320	30.0
비교예2	합성실리카E	82	95	0.5	0/100	5.0	18.5	360	28.0
비교예3	실리카	260	275	2.7	0/100	4.9	17.0	540	25.0
비교예4	합성실리카A	147	80	2.1	0/100	도공불능	39.5	700	20.0
비교예5	건식실리카	160	40	1.5	0/100	4.9	19.7	650	28.0
비교예6	합성실리카G	135	102	0.6	0/100	2.5	12.5	280	23.0

Publication data including kind & date

WO2005018946

A1 2005-03-03

WO200518946

CA2511999

A1 2005-03-03

CA2511999



AU2004266919	A1	2005-03-03	AU2004266919				
JP2005096437	A	2005-04-14	JP2005096437				
JP2005096434	A	2005-04-14	JP2005096434				
CN1723133	A	2006-01-18	CN1723133				
KR20060025123	A	2006-03-20	KR20060025123				
EP1658993	A1	2006-05-24	EP1658993				
US20060168811	A1	2006-08-03	US20060168811				
EP1658993	A4	2006-10-18	EP1658993				
KR100663132	B1	2007-01-02	KR100663132				
JP2007313905	A	2007-12-06	JP2007313905				
JP4062627	B2	2008-01-11	JP4062627				
JP4062626	B2	2008-01-11	JP4062626				
EP1658993	B1	2008-05-21	EP1658993				
DE602004013991	D1	2008-07-03	DE602004013991				
CN100408347	C	2008-08-06	CN100408347C				
HK1080431	A1	2009-02-13	HK1080431				
CA2511999	C	2009-10-13	CA2511999				
US7645489	B2	2010-01-12	US7645489				
AU2004266919	B2	2010-03-04	AU2004266919				

Abstract

(EP1658993)

A method for manufacturing an **inkjet** recording medium comprising the steps of: applying a coating color containing a **pigment** and a binder as major components to at least one side of a base material using a transfer roll coater, subsequently drying coating layer to form an **ink** absorbing layer, wherein Hercules viscosity of coating color is 5 m Pa·s to 30 m Pa·s and **pigment** contains a synthetic silica having an oil absorption of 90 ml/100g to 200 ml/100 g, a BET specific surface area of 45 m²/g to 200 m²/g and an average particle diameter of 1.0 μm to 3.0 μm and/or a precipitated calcium **carbonate**-silica composite having an oil absorption of 100 ml/100g to 250 ml/100 g, a BET specific surface area of 5 m²/g to 150 m²/g and an average particle diameter of 1.0 μm to 10 μm.

Family 4/15 - FAMPAT - ©Questel

Title

(WO201427614)

Coated printing paper intended for industrial **inkjet** printer**Images**

無機顔料	1 0 0 部
ポリビニルアルコール	1 5 部
エチレン-酢酸ビニル共重合体	1 0 部
カチオン性化合物	配合部数は表 1 に記載
有機顔料	配合部数は表 1 に記載

Publication data including kind & date

WO2014027614	A1	2014-02-20	WO201427614				
JP2014054832	A	2014-03-27	JP2014054832				
CN104582977	A	2015-04-29	CN104582977				
DE112013004041	T5	2015-05-07	DE112013004041				
US20150298478	A1	2015-10-22	US20150298478				

CN104582977

B 2016-06-01 CN104582977B

US9370957

B2 2016-06-21 US9370957

JP6049546

B2 2016-12-02 JP6049546

**Abstract**

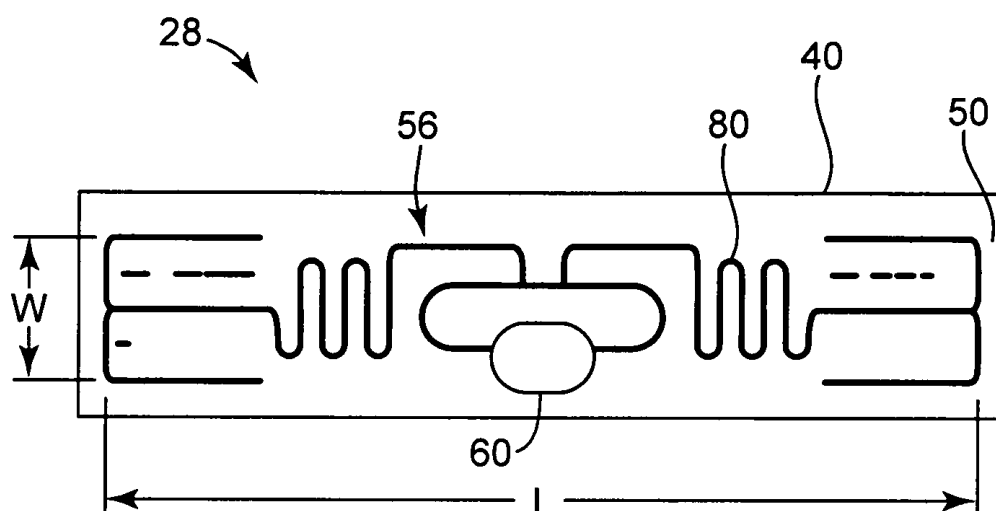
(WO201427614)

Provided is a coated printing paper intended for an industrial **inkjet** printer that is well suited for offset printing, having excellent **ink** absorbency on an industrial **inkjet** printer, excellent chromogenic properties and **image** water resistance on an industrial **inkjet** printer using aqueous **dye ink**, excellent suppression of printing irregularities on an industrial **inkjet** printer using water **pigment ink**, and good gloss. The present invention provides a coated printing paper intended for an industrial **inkjet** printer characterized by including a base paper and at least two coating layers provided on at least one surface of the base paper, the first coating layer provided on the base paper and contacting the base paper containing an organic **pigment**, a cationic compound, a binder, and a dogtooth light calcium **carbonate** having a minor axis of 0.1-0.5 μm and a major axis of 0.5-2.5 μm , the second coating layer provided on the first coating layer and contacting the first coating layer containing at least one type of inorganic superfine particle having an average grain size less than or equal to 330 nm selected from hydrated alumina, gas-phase method silica, pulverized wet-method silica, and colloidal silica, such that when a pH-measuring indicator solution is dripped on the surface of the second coated layer as specified in JAPAN TAPPI No. 49-2:2000 and the solution is thinly applied and spread out to impart a color, the paper surface pH measured by comparing the color phase of a pH standard discoloration surface and the color phase taken on by the indicator is 5.0-7.5, and the 75° glossiness as specified in JIS Z8741 of the second coating layer coating surface is at least 45%.

Family 5/15 - FAMPAT - ©Questel

Title

(US20080198022)

Inkjet printable RFID label and method of printing an **inkjet** printable RFID label**Images****Publication data including kind & date**

US20080198022

A1 2008-08-21 US20080198022

JP2008262169

A 2008-10-30 JP2008262169

**Abstract**

(US20080198022)

An **inkjet** printable RFID label includes an RFID tag having a backing and RFID circuitry coupled to the backing, and a laminate coupled to the backing and covering the RFID circuitry, where the laminate includes an inorganic **inkjet** receptive surface. The **inkjet** receptive surface enables printing **ink** directly to the laminate atop the RFID circuitry.

Family 6/15 - FAMPAT - ©Questel

Title

(EP2826824)

Radiation curable **inkjet inks** and industrial **inkjet** printing methods

Images

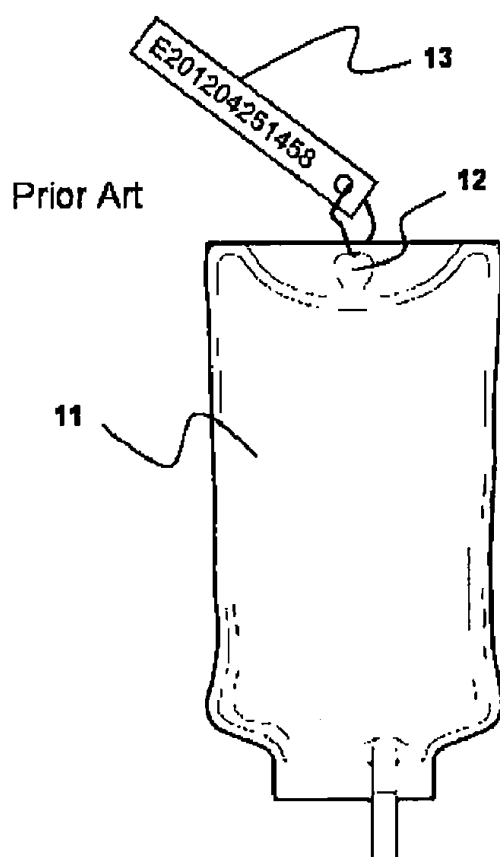


Fig. 1

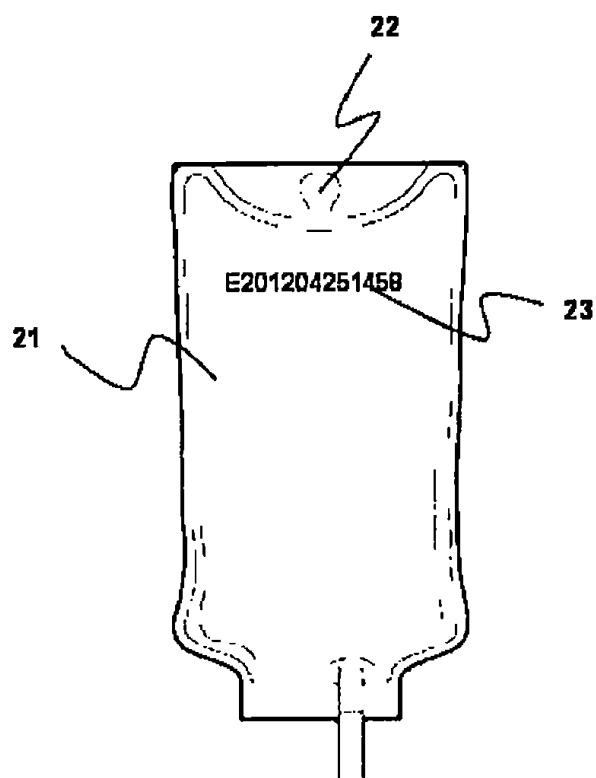


Fig. 2

Publication data including kind & date

EP2671722	A1	2013-12-11	EP2671722				
CA2873885	A1	2013-12-12	CA2873885				
WO2013182517	A2	2013-12-12	WO2013182517				
WO2013182517	A3	2014-02-06	WO2013182517				
AU2013270718	A1	2014-10-30	AU2013270718				
EP2823969	A1	2015-01-14	EP2823969				
EP2826824	A1	2015-01-21	EP2826824				
CN104334359	A	2015-02-04	CN104334359				
BR112014030418	A1	2015-03-24	BR112014030418				
US20150124032	A1	2015-05-07	US20150124032				
IN9136DEN2014	A	2015-05-22	IN2014DN09136				
EP2671722	B1	2015-08-12	EP2671722				
ES2546257	T3	2015-09-22	ES2546257				
EP2826824	B1	2016-08-17	EP2826824				
EP2823969	B1	2016-08-17	EP2823969				
CN104334359	B	2016-08-24	CN104334359B				
PT2826824	T	2016-08-29	PT2826824T				
DK2823969	T3	2016-11-21	DK2823969T				
DK2826824	T3	2016-11-21	DK2826824T				
CN106189502	A	2016-12-07	CN106189502				
ES2594129	T3	2016-12-15	ES2594129				
ES2594128	T3	2016-12-15	ES2594128				
AU2013270718	B2	2017-02-23	AU2013270718				
PL2823969	T3	2017-02-28	PL2823969				
PL2826824	T3	2017-02-28	PL2826824				
HUE030201	T2	2017-04-28	HUE030201				
BR112014030418	A2	2017-06-27	BR112014030418				

Abstract

(EP2826824)

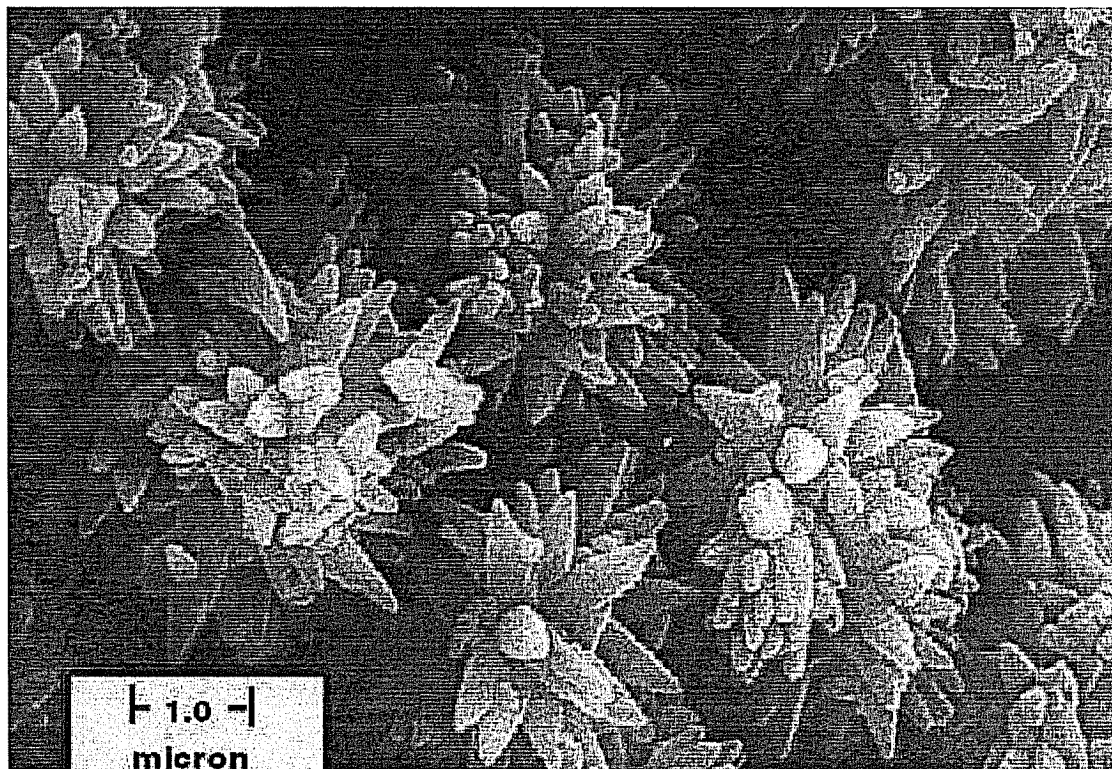
A radiation curable [inkjet ink](#) having a viscosity smaller than 30 mPa.s at 25°C and at a shear rate of 1,000 s⁻¹, including a polymerizable or polymeric thioxanthone photoinitiator; a vinyl ether acrylate and an acylphosphine oxide-based polymerization photoinitiator.

Family 7/15 - FAMPAT - ©Questel

Title

(EP2213466)

[Ink-jet](#) recording paper**Images**



Publication data including kind & date

WO2009066662	A1	2009-05-28	WO200966662
KR20100074287	A	2010-07-01	KR20100074287
EP2213466	A1	2010-08-04	EP2213466
IN1065/MUMNP/2010	A	2010-09-24	IN2010MN01065
CN101868357	A	2010-10-20	CN101868357
US20100310796	A1	2010-12-09	US20100310796
EP2213466	A4	2011-03-23	EP2213466
JPWO2009066662	A1	2011-04-07	JP2009066662W
EP2213466	B1	2012-08-01	EP2213466



Abstract

(EP2213466)

An **inkjet** recording paper for use in a roll paper feed type printer having a printing speed of 100 m/min or more, comprising a base paper containing pulp, rosette type precipitated calcium **carbonate** as a filler, and a neutral rosin sizing agent as an internal sizing agent, wherein the base paper is coated with a coating mixture containing a cationic resin, an anionic fluorescent **dye** and a binder but no **pigment**; the **inkjet** recording paper having a Stockigt size degree according to JIS-P8122 of 10 to 25 seconds and an ash content according to JIS-P8251 of 13% to 25%.

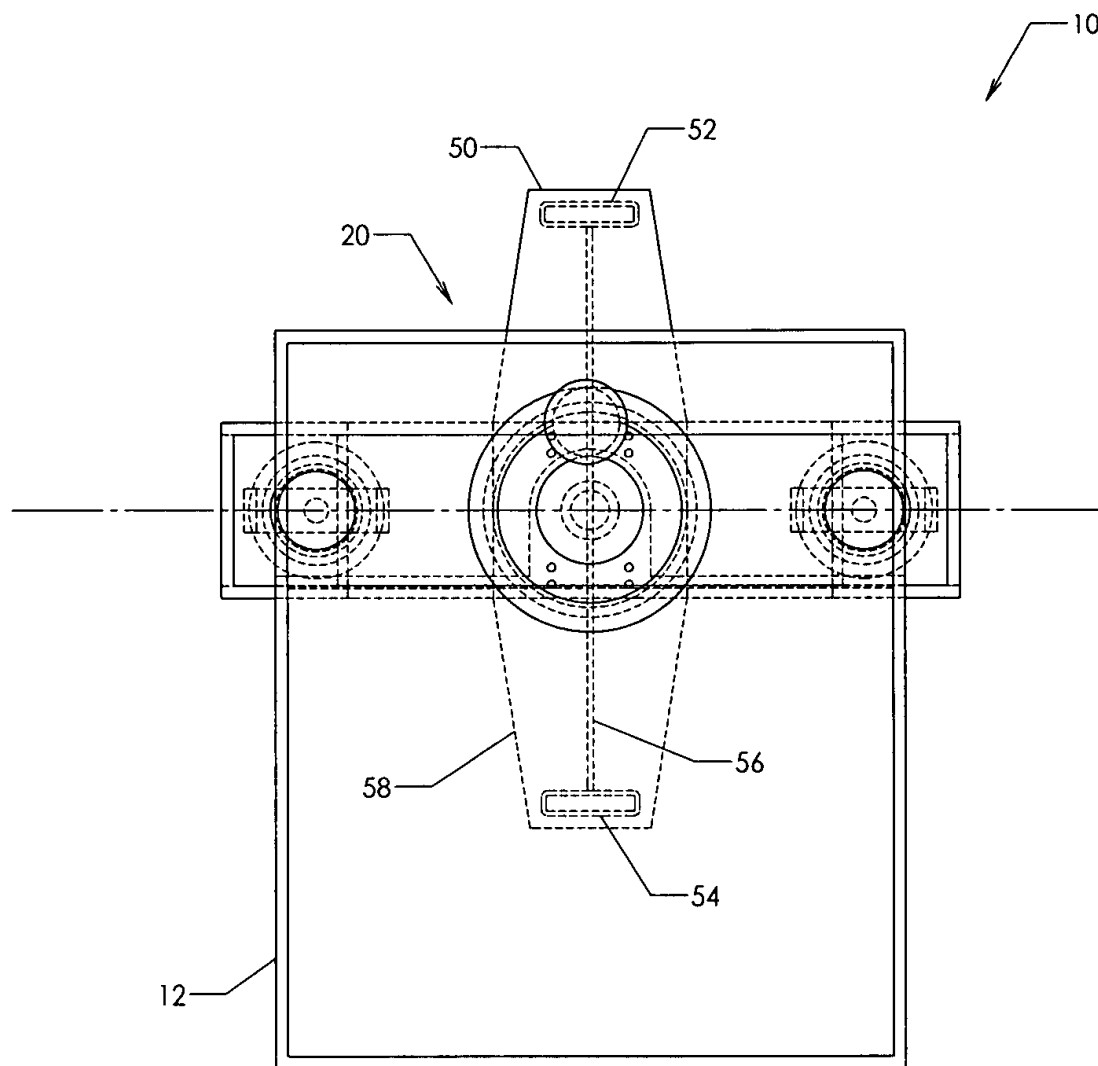
Family 8/15 - FAMPAT - ©Questel

Title

(EP2376290)

Inkjet printing paper

Images



Publication data including kind & date

US7172376	B1	2007-02-06	US7172376
WO2010071797	A1	2010-06-24	WO201071797
US20100159164	A1	2010-06-24	US20100159164
EP2376290	A1	2011-10-19	EP2376290
CN102245393	A	2011-11-16	CN102245393
EP2376290	B1	2013-06-26	EP2376290
CN102245393	B	2014-01-01	CN102245393B



Abstract

(EP2376290)

The invention provides an **ink** jet recording sheet which is highly resistant to printings smearing, running, feathering, color bleeding, or fading when wet, humid, or exposed to intense or continual light. The recording sheet has a solid **substrate** and a composition coating the solid **substrate**. The composition comprises a cationic polymer as well as starch, inorganic salt, **pigment**, and water. The composition can further comprise a non-ionic polymer. The coating tightly binds both **pigment** based **inkjet inks** and **dye** based **inkjet inks**. The composition is easy to apply and the **ink** jet recording sheet can be easily formed with a standard size press device.

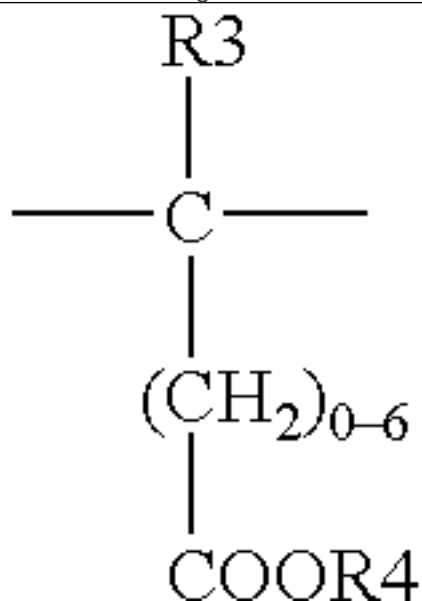
Family 9/15 - FAMPAT - ©Questel

Title

(EP1381519)

Primed substrates comprising radiation cured **ink** jetted images

Images

**Publication data including kind & date**

WO02085638	A1	2002-10-31	WO200285638				
CA2444572	A1	2002-10-31	CA2444572				
US20030021961	A1	2003-01-30	US20030021961				
KR20030092081	A	2003-12-03	KR20030092081				
EP1381519	A1	2004-01-21	EP1381519				
US6720042	B2	2004-04-13	US6720042				
BR0208909	A	2004-04-20	BR200208909				
BRPI0208909	A1	2004-04-20	BRPI0208909				
MXPA03009492	A	2004-05-24	MX2003PA009492				
CN1518504	A	2004-08-04	CN1518504				
JP2004532144	A	2004-10-21	JP2004532144				
EP1381519	B1	2004-11-03	EP1381519				
AT281312	T	2004-11-15	ATE281312				
DE60201823	D1	2004-12-09	DE60201823				
DE60201823	T2	2005-11-24	DE60201823				
AU2002247025	B2	2006-08-24	AU2002247025				
CN1280110	C	2006-10-18	CN1280110C				
JP2007237733	A	2007-09-20	JP2007237733				
JP2009034995	A	2009-02-19	JP2009034995				
KR100896494	B1	2009-05-08	KR100896494				
BRPI0208909	A2	2011-04-26	BR200208909				

Abstract

(EP1381519)

The present invention relates to primed substrates comprising radiation cured **ink** jetted images and methods of **ink** jet printing radiation curable **inks** that employ applying a primer. The imaged articles are durable for outdoor usage. A variety of polymeric sheets may be primed including various sheeting for signage and commercial graphic films for advertising and promotional displays.

Family 10/15 - FAMPAT - ©Questel

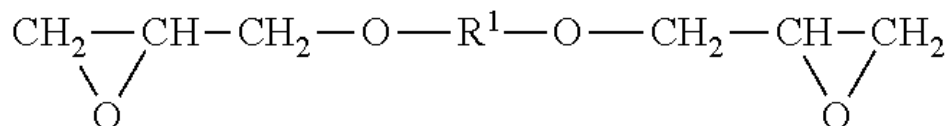
Title

(WO201487670)

Printing medium composition and printing medium

Images

Formula 1



Publication data including kind & date

WO2014087670	A1	2014-06-12	WO201487670				
US20150266327	A1	2015-09-24	US20150266327				
CN104981515	A	2015-10-14	CN104981515				
IN5793/DELNP/2015	A	2016-01-01	IN2015DN05793				
JP6007261	B2	2016-09-16	JP6007261				
US9475330	B2	2016-10-25	US9475330				
JPWO2014087670	A1	2017-01-05	JP2014087670W				
TH162584	A	2017-05-25	TH-162584				
CN104981515	B	2017-08-22	CN104981515B				

Abstract

(WO201487670)

Provided are a printing medium and a printing medium composition which are suitable for multiple printing methods and which can also be adapted to multiple plateless printing methods including thermal **ink-transfer** printing, electrophotographic printing and **ink-jet** printing. On at least one face of a support, a coating layer comprising (a) a cationic urethane resin, (b) an olefin copolymer emulsion and (c) an ethylene imine resin is provided. The solids mass per face of the coating layer may be 0.01 to 5 g/m².

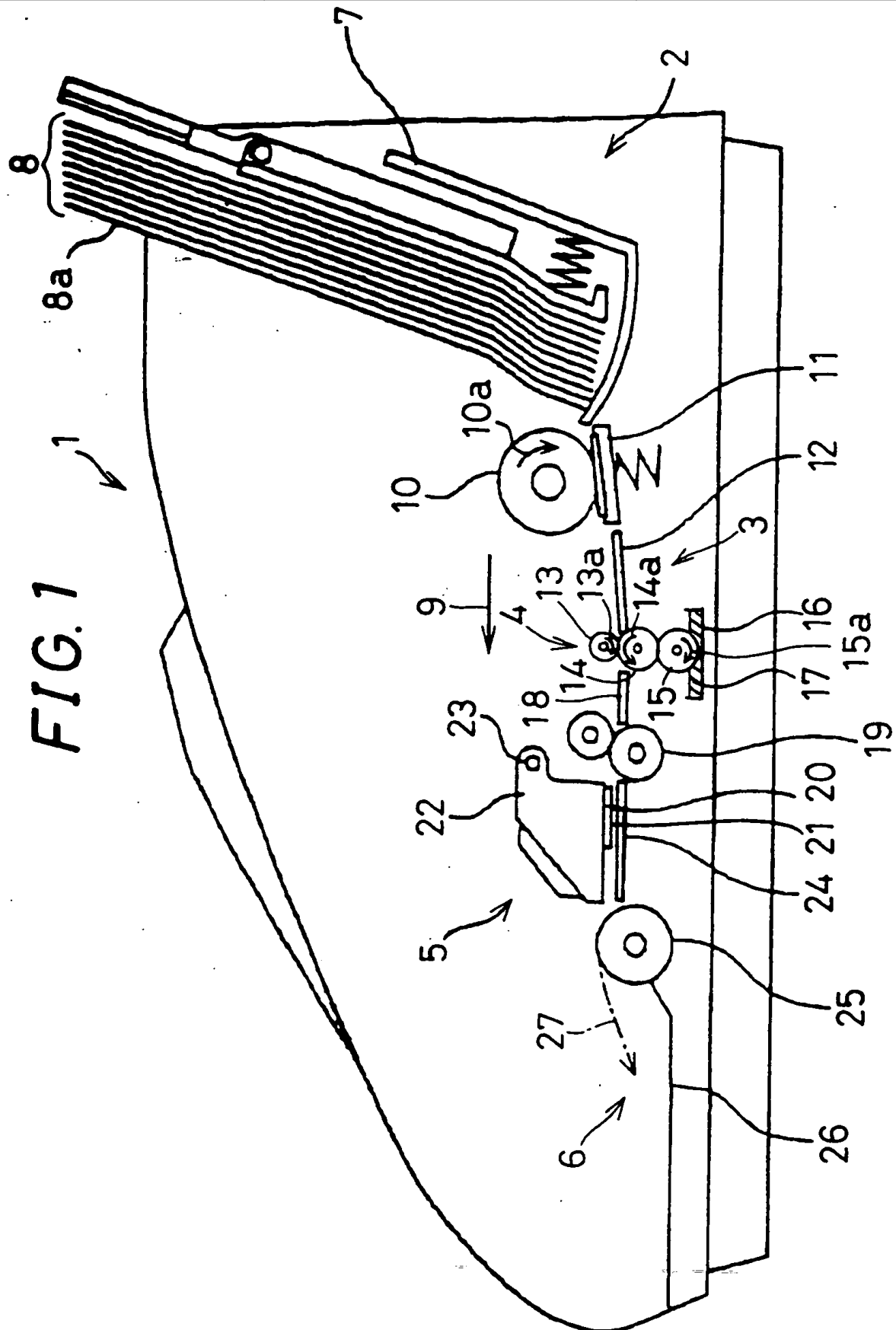
Family 11/15 - FAMPAT - ©Questel

Title

(WO2004104118)

ink-jet recording **ink**, **ink-jet** recording method, recording medium, and **ink-jet** recording device

Images



Publication data including kind & date

WO2004104118	A1	2004-12-02	WO2004104118
JP2004346159	A	2004-12-09	JP2004346159
CN1791648	A	2006-06-21	CN1791648
US20070003715	A1	2007-01-04	US20070003715
JP4056929	B2	2007-12-21	JP4056929
CN100457838	C	2009-02-04	CN100457838C



Abstract

(WO2004104118)

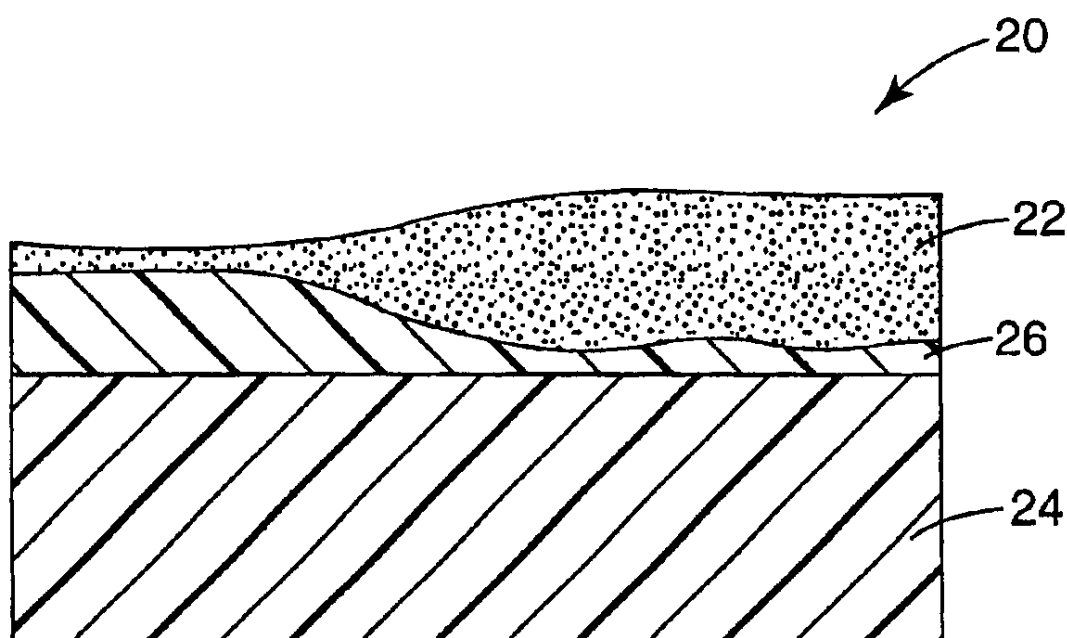
By an ink-jet printing, a clear recorded image having high image density is formed on a plain paper without ink bleed and set-off due to high-speed printing. An ink-jet recording ink is prepared as follows. An ink containing a colorant, an aqueous organic solvent, and water as essential components is used. The contents of the essential components and the kind and content of a given component are set. With respect to a plain paper coated with an auxiliary agent containing a cationic resin/inorganic particles, the initial contact angle (θ_0) is more than 48 degrees and the contact angle variation ($\Delta\theta/100$ msec) from the drip to 100 msec after is 2.0 or more and 20.0 or less degrees. Using this ink an image is recorded on the plain paper coated with the auxiliary agent.

Family 12/15 - FAMPAT - ©Questel

Title

(EP1757462)

Imaged articles comprising a substrate having a primed surface

Images**Publication data including kind & date**

WO03002353	A1	2003-01-09	WO200302353
CA2451733	A1	2003-01-09	CA2451733
US20030054139	A1	2003-03-20	US20030054139
US20030224128	A1	2003-12-04	US20030224128
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EP1404527	A1	2004-04-07	EP1404527
BR0210488	A	2004-06-22	BR200210488
BRPI0210488	A1	2004-06-22	BRPI0210488
JP2004533945	A	2004-11-11	JP2004533945
CN1547528	A	2004-11-17	CN1547528
US20040258856	A1	2004-12-23	US20040258856
US6846075	B2	2005-01-25	US6846075
US6896944	B2	2005-05-24	US6896944
US20050166783	A1	2005-08-04	US20050166783



US7025453	B2	2006-04-11	US7025453				
CN1298552	C	2007-02-07	CN1298552C				
CN1911677	A	2007-02-14	CN1911677				
CN1911676	A	2007-02-14	CN1911676				
EP1757462	A2	2007-02-28	EP1757462				
EP1757462	A3	2007-03-07	EP1757462				
EP1404527	B1	2009-03-11	EP1404527				
AT425014	T	2009-03-15	ATE425014				
CN100480053	C	2009-04-22	CN100480053C				
DE60231501	D1	2009-04-23	DE60231501				
KR100904136	B1	2009-06-24	KR100904136				
EP1757462	B1	2009-08-05	EP1757462				
AT438515	T	2009-08-15	ATE438515				
DE60233273	D1	2009-09-17	DE60233273				
CN100595075	C	2010-03-24	CN100595075C				
JP4546079	B2	2010-07-09	JP4546079				
BRPI0210488	A2	2011-03-01	BR200210488				
BR0210488	B1	2012-05-15	BR200210488				
BRPI0210488	B1	2012-05-15	BRPI0210488				

Abstract

(EP1757462)

The present invention relates to an imaged article comprising: a) a **substrate** comprising a primed surface layer having an average thickness of t_1 , wherein the primed surface layer comprises at least one of an acrylic resin, vinyl resin or mixture thereof; and b) an **ink** layer on said primed surface layer, wherein the **ink** of the **ink** layer is a non-aqueous **ink**, wherein the primed surface layer comprises a base polymer which is at least in part soluble in the solvent of the **ink** such that, said **ink** layer has a theoretical dry thickness of t_2 , an actual average dry thickness of t_3 , and t_3 is greater than t_2 .

Family 13/15 - FAMPAT - ©Questel

Title

(EP1855891)

Printing paper and a method for the production thereof

Images

Publication data including kind & date

WO2012043322	A1	2012-04-05	WO201243322				
WO2012043323	A1	2012-04-05	WO201243323				
JP2012071518	A	2012-04-12	JP2012071518				
JP2012077392	A	2012-04-19	JP2012077392				
JP2012077395	A	2012-04-19	JP2012077395				
JP2012077393	A	2012-04-19	JP2012077393				
JP2012077394	A	2012-04-19	JP2012077394				
JP5225351	B2	2013-03-22	JP5225351				
CN103119219	A	2013-05-22	CN103119219				
CN103119218	A	2013-05-22	CN103119218				
DE112011103314	T5	2013-07-04	DE112011103314				
US20130176371	A1	2013-07-11	US20130176371				
US20130187977	A1	2013-07-25	US20130187977				
DE112011103316	T5	2013-08-22	DE112011103316				
JP5528970	B2	2014-04-25	JP5528970				
JP5528971	B2	2014-04-25	JP5528971				
JP5528972	B2	2014-04-25	JP5528972				
US8927110	B2	2015-01-06	US8927110				
CN103119219	B	2015-04-15	CN103119219B				
US9174479	B2	2015-11-03	US9174479				

Abstract

(WO201243323)

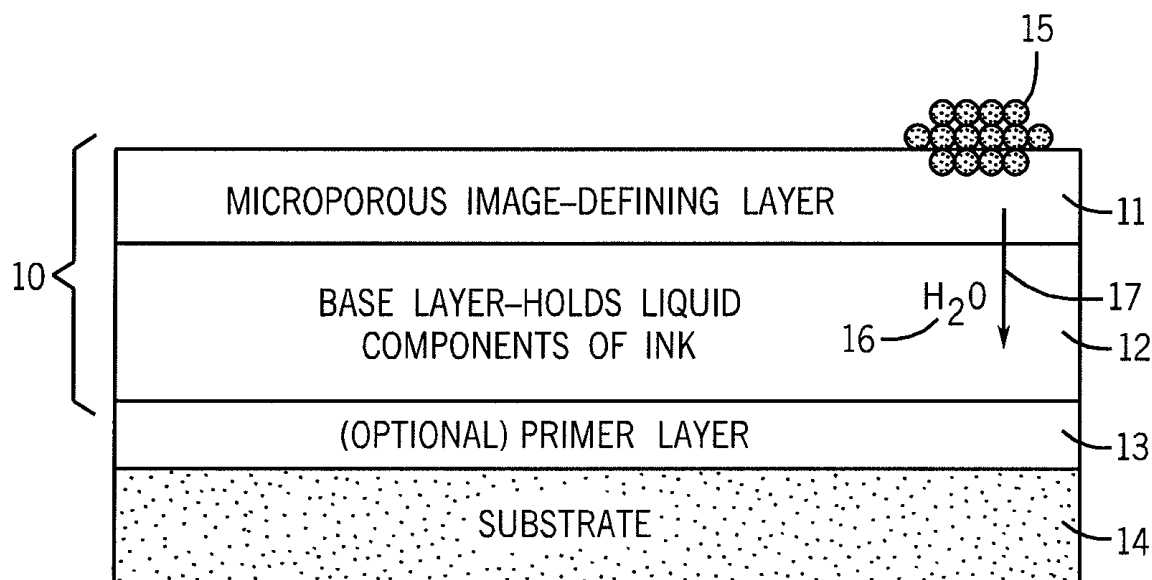
The present invention provides a coated paper for printing that is provided with a coating layer having **pigment** and binder as main components on at least one of the surfaces of base-sheet, wherein the base-sheet contains calcium **carbonate**, the coating layer contains 50 parts by weight or more of heavy calcium **carbonate** as the **pigment** relative to 100 parts by weight of the total **pigment** in the coating layer, the base-sheet and/or the coating layer contains calcium compounds other than calcium **carbonate**, and the content of the calcium derived from the calcium compounds is 3-60 mmol in terms of calcium ions per m² of the base-sheet and/or the coating layer.

Family 15/15 - FAMPAT - ©Questel

Title

(EP2464702)

Durable multilayer **inkjet** recording media topcoat**Images**



Publication data including kind & date

WO2011019609	A1	2011-02-17	WO201119609
US20110039043	A1	2011-02-17	US20110039043
AU2010282723	A1	2012-03-08	AU2010282723
US8133556	B2	2012-03-13	US8133556
EP2464702	A1	2012-06-20	EP2464702
CN102549089	A	2012-07-04	CN102549089
EP2464702	B1	2014-04-30	EP2464702
HK1169667	A1	2014-08-15	HK1169667
AU2010282723	B2	2014-11-13	AU2010282723
CN102549089	B	2015-03-04	CN102549089B



Abstract

(EP2464702)

Two-layer receiver coatings particularly well adapted for use in **inkjet** printing comprise: A. A base layer comprising: 1. First **pigment** particles having (a) a number average particle size of 3-25 microns (μm), and (b) at least one of (i) an oil absorption value of at least 150 g oil/100 particles, and (ii) a pore volume of at least about 1.2 cubic meters per gram (cm^3/g); and 2. Water-insoluble binder resin having a surface energy greater than 40 dyne per centimeter (dyn/cm); the first **pigment** particles and water-insoluble binder resin present at a weight ratio of 0.75 to 2; and B. An imaging layer comprising: 1. Second **pigment** particles having (a) a number average particle size of 0.01-4 (μm) aggregated to form an inter-particle region of submicron pores, and (b) a pore volume of 0.4 to 2.2 (cm^3/g); and 2. Water-insoluble binder resin having a surface energy greater than 40 (dyn/cm); the second **pigment** particles and water-insoluble binder resin present at a weight ratio of 0.75 to 2.