

Nicolas Vargas

1) Family number: 20943814 (GB545709A)

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Title: Improvements in electric insulating materials

Abstract: Source: GB545709A [Class 2 (iii)] [Also in Groups VIII and XXXVI] A flexible extensible electrically **insulating tape** comprises a polyvinyl acetal resin admixed with from 30 to 50 per cent. by weight of monomeric methyl methacrylate. The resin may comprise the formaldehyde-, acetaldehyde-, or butyaldehyde-condensation product of a partially or completely hydrolysed polyvinyl ester such as polyvinyl acetate, or mixtures thereof. The methacrylate may be compounded with the resin before it is made up into a tape by moistening the resin with the monomer and milling or rolling, the sheet being then cut or extruded into tape form; alternatively, the resin may be formed into a tape and then soaked in the monomer. The tape may take the form of a fibrous backing of glass, cotton or other fabric coated or impregnated with the mixture of resin and methacrylate. After the tape has been applied to the electrical apparatus, e.g., a form wound coil of **rectangular** conductors suitable for a high-voltage generator, it is heated, with or without pressure, to polymerize the methacrylate and to convert the tape into a hard rigid insulation shrunk onto the underlying structure; prior to heating, a binding of linen tape or a layer of aluminium foil covered with vulcanized rubber tape applied under tension may be applied over the **insulating tape**. Specification 351,082 is referred to.

Classifications:

International (IPC 8-9): H01B3/44 (Advanced/Invention);
H01B3/44 (Core/Invention)

International (IPC 1-7): H01B3/00

CPC: H01B3/446

European: H01B3/44E

Family:

Publication number	Publication date	Application number	Application date
GB545709 A	19420609	GB19400017864	19401219

Probable Assignee: BRITISH THOMSON HOUSTON CO LTD

Assignee(s): (std): BRITISH THOMSON HOUSTON CO LTD

Assignee(s): THE BRITISH THOMSON HOUSTON COMPANY LIMITED

2) Family number: 29664829 (GB1033103A)

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Title: Improvements in or relating to flexible strips

Abstract: Source: GB1033103A 1,033,103. Uniting threads by adhesive. FRANCAISE DU FERODO. S. A. March 8, 1963 [March 9, 1962], No. 9418/63. Heading D1K. A flexible strip 10 is found by a layer of asbestos threads 13 placed side by side e.g. on a roller, partly or wholly impregnated with an organic or mineral varnish and flattened on at least one side. The varnish may be a phenolplastic varnish and may include drying oil and a plasticiser and be dissolved in trichlorethylene. The impregnated strip may be dried at about 100°C. for about 10 minutes. Alternatively a 10 percent suspension of colloidal silica in water may be used. The strip may be used for insulating an electric reel 11, Fig. 4 (not shown), or a cable 12, Fig. 5 (not shown) or may be used for chemical insulation. if a partly impregnated strip is used it may be further impregnated and the strip may be perforated to facilitate further impregnation.

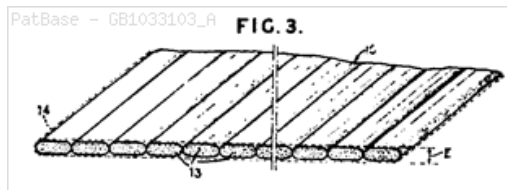
Classifications:

International (IPC 8-9): B29C70/20 H01B3/06 H01B3/08
H01B3/50 (Advanced/Invention);
B29C70/10 H01B3/02 H01B3/18 (Core/Invention)

International (IPC 1-7): D06N7/00 H01B3/00 H01B3/06

CPC: B29C70/20 B29K2309/12 H01B3/06 H01B3/082 H01B3/50

European: B29C70/20 H01B3/06 H01B3/08C H01B3/50 L29K309/12



Family:

Publication number	Publication date	Application number	Application date
DE1490380 A1	19690116	DE19631490380	19630307
FR1324418 A	19630419	FR19620890548	19620309
GB1033103 A	19660615	GB19630009418	19630308

Priority:

FR19620890548 19620309

Probable Assignee: FERODO SA

Assignee(s): (std): FERODO SA

Assignee(s): SOCIETE ANONYME FRANCAISE DU FERODO ; ANONYME FRANCAISE DU FERODO SOC

Inventor(s): (std): SEGARD PAUL

3) Family number: 326883 (US3618753A)

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Title: LARGE FLAKE RECONSTITUTED MICA INSULATION

Abstract: Source: GB1286114A 1286114 Laminated products MINNESOTA MINING and MFG CO 16 Sept 1969 [17 Sept

1968] 45641/69 Heading B5N [Also in Divisions H1 and H2] A self-supporting reconstituted mica insulation sheet, e.g. for use in insulating motors, transformers and the **rectangular** conductors of high voltage turbine generators, comprises an arrangement of unimpregnated mica flakes having at least 40 percent by weight of the flakes larger than 14 mesh (U.S. standard sieve), at least 70 percent by weight of flakes larger than 35 mesh and at least 90 percent by weight of flakes larger than 60 mesh. The insulation sheet may be impregnated with boron phosphate or potassium borate or shellac, epoxy, polyester, silicone, alkyd or acrylic types of resin. The sheet may be laminated to a fibrous web of polyethylene terephthalate or to a polymeric film of biaxially oriented polyethylene terephthalate. A second thin flexible web may be laminated on the other side of the sheet. The process for making the sheet may comprise splitting naturally occurring mica into flakes in the absence of a deactivating atmosphere, classifying the flakes to obtain the required size and to reconstitute the flakes to obtain the sheet.

Classifications:

International (IPC 8-9): H01B3/04 (Advanced/Invention);
H01B3/02 (Core/Invention)

International (IPC 1-7): B32B19/00 B32B19/02 B65D85/67 H01B3/00 H01B3/04

CPC: Y10S428/906 Y10S428/91 H01B3/04 Y10T428/251 Y10T428/2911 Y10T428/31663 Y10T428/31667 Y10T428/31797

European: H01B3/04

US: 206/59 428/324 428/363 428/447 428/451 428/483 428/906 428/910

Family:

Publication number	Publication date	Application number	Application date
DE1947677 A1	19700402	DE19691947677	19690916
DE1947677 B2	19780406	DE19691947677	19690916
DE1947677 C3	19781207	DE19691947677	19690916
FR2018247 A1	19700529	FR19690031412	19690916
GB1286114 A	19720823	GB19690045641	19690916
JP55003761 B4	19800126	JP19690072846	19690916
US3618753 A	19711109	US19680760356	19680917

Priority:

US19680760356 19680917

Probable Assignee: MINNESOTA MINING AND MFG

Assignee(s): (std): ELEKTRO FINANZ AG ; MINNESOTA MINING AND MFG

Assignee(s): MINNESOTA MINING AND MFG CO ; ELEKTRO FINANZ AG BREITENBACH SCHWEIZ ; ELEKTRO FINANZ BREITENBACH SCHWEIZ AG ; MINNESOTA MINING ; MINNESOTA MINING AND MANUFACTURING COMPANY

Inventor(s): (std): GLASSPOOLE DAVID W ; GLASSPOOLE DAVID WENDELL ; WENDELL GLASSPOOLE DAVID

Inventor(s): DAVID W GLASSPOOLE ; GLASSPOOLE DAVID WENDELL ST PAUL MINN V ST A ; GLASSPOOLE DAVID WENDELL ST PAUL MINN VSTA

4) Family number: 2050293 (US4791966A)

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Title: WRAPPED, ELONGATED STOCK

Abstract: Source: US4791966A A ribbon, preferably made of polytetrafluoroethylene and preferably in an unsintered configuration but having lens or trapezoidal cross section is used for wrapping elongated stock such as electrical conductors, tubes, or a removable mandrel, the wrapping to be made with overlapping edges followed by fusion to obtain a coherent tubular configuration.

Classifications:

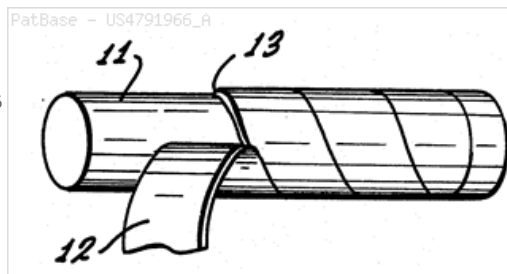
International (IPC 8-9): B29C51/00 B29C63/00 B29C63/06
B65H81/08 F16L59/02 H01B17/56 H01B3/00 H01B3/18 H01B3/42
H01B3/44 H01B7/02 (Advanced/Invention);
B29C51/00 B29C63/00 B29C63/02 B65H81/00 F16L59/02 H01B17/56
H01B3/18 H01B3/44 H01B7/02 (Core/Invention)

International (IPC 1-7): B29C27/14 B29C27/28 B29C53/56
B29D23/12 B65H81/06 F16L11/12 F16L11/16 F16L59/10 F16L9/16
F16S H01B13/08 H01B13/26 H01B17/56 H01B17/62 H01B3/00
H01B3/18 H01B3/30 H01B3/42 H01B7/02

CPC: Y10S138/03 B65H81/08 F16L59/027 H01B3/445 H01B7/02

European: B65H81/08 F16L59/02D H01B3/44D2 H01B7/02

US: 138/122 138/129 138/154 138/DIG.3 174/110FC



Family:

Publication number	Publication date	Application number	Application date
AT35783 A	19900715	AT19830000357	19830202
AT392170 B	19910211	AT19830000357	19830202
BE896359 A1	19830801	BE19830210475	19830401
CA1207398 A1	19860708	CA19830426151	19830419
CH658742 A	19861128	CH19830001933	19830411
DE3214447 A1	19831020	DE19823214447	19820420
DE3214447 C2	19940511	DE19823214447	19820420
DK168344 B1	19940314	DK19830000778	19830222
DK77883 A	19831021	DK19830000778	19830222
DK77883 A0	19830222	DK19830000778	19830222
FI78575 B	19890428	FI19830000679	19830301
FI78575 C	19890810	FI19830000679	19830301
FI830679 A	19831021	FI19830000679	19830301
FI830679 A0	19830301	FI19830000679	19830301
FI830679 L	19831021	FI19830000679	19830301
FR2525382 A1	19831021	FR19820021363	19821220
FR2525382 B1	19860620	FR19820021363	19821220
GB2118520 A1	19831102	GB19830010513	19830419
GB2118520 B2	19851106	GB19830010513	19830419
GB8310513 A0	19830525	GB19830010513	19830419
IE54432 B	19891011	IE19830000439	19830302

IE830439 L	19831020	IE19830000439	19830302
IT1164647 A	19870415	IT19830048064	19830407
IT8348064 A0	19830407	IT19830048064	19830407
JP58188008 A2	19831102	JP19830064619	19830414
NL193080 B	19980506	NL19820005081	19821231
NL193080 C	19980908	NL19820005081	19821231
NL8205081 A	19831116	NL19820005081	19821231
NO159825 B	19881031	NO19830001376	19830419
NO159825 C	19890208	NO19830001376	19830419
NO831376 A	19831021	NO19830001376	19830419
SE8206811 A	19831021	SE19820006811D	19821130
SE8206811 A0	19821130	SE19820006811	19821130
SE8206811 L	19831021	SE19820006811	19821130
SU1342433 A3	19870930	SU19833563546	19830315
US4791966 A	19881220	US19830483549	19830411

Priority:

CA19830426151 19830419 DE19823214447 19820420

Probable Assignee: EILENTROPP HEW KABEL

Assignee(s): (std): HEW KABEL HEINZ EILENTROPP K G ; EILENTROPP HEW KABEL ; KHEV KABEL KHAJNTS AJLENTROPP ; HAA EE UEE KAABERU HAINTSU AIR

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Inventor(s): (std): EILENTROPP H ; EILENTROPP HEINZ ; HAINTSU AIRENTOROTSUPU ; HEINZ EILENTROPP

Inventor(s): EILENTROPP HEINZ 51688 WIPPERFUERTH DE ; H EILENTROPP

Agent(s): SMART AND BIGGAR