

Title (en)
INSULATING STRENGTHENING FOR SUPPORTING POLES FOR ELECTRIC LINES AND MANUFACTURING METHOD

Publication
EP 0286480 A3 19890705 (FR)

Application
EP 88400630 A 19880316

Priority
FR 8703885 A 19870320

Abstract (en)
[origin: US4867399A] Insulating equipment (100) includes a flexible arm (1) having at one of its ends a means for attachment to a pole and at the other end means for attaching an electric line substantially perpendicular to the arm (1). The thickness of the arm (1) decreases regularly from the means for attachment to the pole toward the means of attachment to the electric line, while the height of the cross section of the arm is constant. The arm (1) has in the direction of its thickness a series of layers (7a, 7b, 7c, 7d) of continuous mineral fibers extending in the direction of the arm's length and separated by layers (8a, 8b, 8c, 8d) of randomly-oriented short mineral fibers. These layers are bonded by a synthetic resin in which a layer (9a, 9b) of fabric of mineral fibers may be placed on each side of the arm (1) between the first layer of short fibers and the following layer of continuous fibers. To be used for improving longitudinal flexibility and resistance to vertical loads.

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IPC 8 full level
E04H 12/02 (2006.01); **E04H 12/24** (2006.01); **H01B 17/00** (2006.01); **H02G 7/00** (2006.01)

CPC (source: EP US)
E04H 12/02 (2013.01 - EP US); **E04H 12/24** (2013.01 - EP US)

Citation (search report)
• [A] US 3574104 A 19710406 - MEDLER ALBERT
• [A] US 4007075 A 19770208 - MCCLAIN STEPHEN A, et al
• [A] FR 1145447 A 19571025 - GAR WOOD IND INC
• [A] US 3070194 A 19621225 - PETERSEN CLIFFORD W

Designated contracting state (EPC)
AT BE DE ES GB GR IT LU NL SE

DOCDB simple family (publication)
FR 2612549 A1 19880923; **FR 2612549 B1 19890630**; AT E63964 T1 19910615; CA 1309474 C 19921027; CN 1014624 B 19911106; CN 1037009 A 19891108; DE 286480 T1 19890216; DE 3862985 D1 19910704; EP 0286480 A2 19881012; EP 0286480 A3 19890705; EP 0286480 B1 19910529; ES 2004331 A4 19890101; ES 2004331 B3 19911201; FI 87959 B 19921130; FI 87959 C 19930310; FI 881230 A0 19880315; FI 881230 A 19880921; GR 3002034 T3 19921230; GR 880300179 T1 19890223; JP H0584790 B2 19931203; JP S63308169 A 19881215; MY 100817 A 19910228; NO 168735 B 19911216; NO 168735 C 19920325; NO 881133 D0 19880315; NO 881133 L 19880921; OA 08820 A 19890331; PH 24573 A 19900803; PT 87011 A 19890330; PT 87011 B 19950504; SG 74191 G 19911122; US 4867399 A 19890919; US 5009734 A 19910423

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