

Title (en)

INSULATING STRENGTHENING FOR SUPPORTING POLES FOR ELECTRIC LINES AND MANUFACTURING METHOD

Publication

EP 0286480 B1 19910529 (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 of 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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