

Title (en)

CYLINDRICAL MAST ELEMENTS BUTT-JOINING WITH OTHER ELEMENTS IN ORDER TO FORM A MAST

Publication

EP 0169103 B1 19880511 (FR)

Application

EP 85401143 A 19850611

Priority

FR 8409998 A 19840618

Abstract (en)

[origin: US4656804A] The invention relates to a cylindrical mast element comprising a tube (2) one end (4) of which is extended by a sleeve tube (5), and each end of which has plane, inclined surfaces (7, 8). Its wall is constituted by successive coils of pieces of fabric impregnated by polymerizable resin, all of which is then polymerized. The element has, in the zone (9) near a beveled end (6) facing the sleeve tube (5) of an adjacent coupling element and corresponding to the coupling zone (9), at least one additional piece of oriented fabric, which is disposed in such a manner that its greater strength is in the transverse direction of the mast. A plurality of elements may be joined for constructing a mast. To this end, the tubular elements are interested end to end.

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