

Title (en)
POLE AND METHOD FOR ITS MANUFACTURE

Title (de)
PFOSTEN UND VERFAHREN ZU SEINER HERSTELLUNG

Title (fr)
POTEAU ET SON PROCEDE DE FABRICATION

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Application
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Abstract (en)
[origin: WO9816376A1] A pole (1), for example a flagpole, is made of a material which is mainly made up of a first component, such as glass, and a second component, such as a polymer. The two components enter into the material as premade composite fibres formed by both components, in the form of a web (2) of rovings. The polymer is a thermoplastic polymer, for example polypropylene, and the pole is made of the composite fibres under heat stress which softens the polymer and thereby joins the composite fibres so that they, after cooling, assume fixed shape. In this way, for example a flagpole which is less expensive than a conventional flagpole of for example glass-fibre reinforced polyester and which, at the same time, has just as good properties, can be manufactured.

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