

Title (en)

COMPRESSIVE STRENGTH IMPROVEMENT OF FIBERS BY MEANS OF RADIAL RESTRAINT.

Title (de)

VERBESSERTE DRUCKFESTIGKEIT VON FASERN DURCH RADIALE EINSpannung.

Title (fr)

AMELIORATION DE LA RESISTANCE A LA COMPRESSION DE FIBRES PAR CONTRAINTE RADIALE.

Publication

**EP 0546111 A4 19930429 (EN)**

Application

**EP 91918180 A 19910730**

Priority

US 56448090 A 19900808

Abstract (en)

[origin: WO9202444A1] A filiform article comprises a fiber wrapped, fiber core impregnated with resin. Reinforcing fibers are organized into cores that contain at least one reinforcing fiber, but preferably contains a plurality of fibers. The core is surrounded by a sheath containing a wrapping fiber. The wrapping fiber is preferably wrapped around the core with tension. The core is impregnated with a flowable, hardenable resin preferably after the core is wrapped. The diameter of the filiform article is preferably no more than 1.5 mm. The filiforms may be prepegged according to known practices.

IPC 1-7

**B65H 81/06; D02G 3/36**

IPC 8 full level

**C08J 5/24** (2006.01); **B29B 11/16** (2006.01); **B29C 70/16** (2006.01); **B29C 70/20** (2006.01); **D02G 3/36** (2006.01); **D02G 3/40** (2006.01); **D07B 1/02** (2006.01); **D07B 5/08** (2006.01)

CPC (source: EP KR)

**B29C 70/16** (2013.01 - EP); **B29C 70/202** (2013.01 - EP); **B65H 81/06** (2013.01 - KR); **D02G 3/36** (2013.01 - EP); **D02G 3/40** (2013.01 - EP); **D07B 1/025** (2013.01 - EP); **D07B 1/04** (2013.01 - EP); **D07B 5/08** (2013.01 - EP); **D07B 2205/2014** (2013.01 - EP); **D07B 2205/205** (2013.01 - EP); **D07B 2205/2096** (2013.01 - EP)

C-Set (source: EP)

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Citation (search report)

See references of WO 9202444A1

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