

Title (en)

COMPOSITE FIBRE PRODUCTS AND PROCESSES FOR THEIR PRODUCTION

Title (de)

FASERVERBUND WERKSTOFFE UND VERFAHREN ZU IHRER HERSTELLUNG

Title (fr)

PRODUITS FIBREUX COMPOSITES ET LEURS PROCEDES DE FABRICATION

Publication

**EP 0883736 A1 19981216 (EN)**

Application

**EP 97905225 A 19970220**

Priority

- GB 9700466 W 19970220
- GB 9604097 A 19960227
- GB 9615770 A 19960726

Abstract (en)

[origin: WO9732118A1] A composite fibre product is described which comprises a plurality of inorganic fibres and a binder which is substantially uniformly distributed throughout the fibre product. The composite fibre product has a laminar shear strength of at least 0.1 MPa. Also described is a process for the production of a composite fibre product which comprises impregnating a fibre mass comprising a plurality of inorganic fibres with a liquid binder system comprising a binder material and a carrier liquid and then subjecting the impregnated fibre mass to a heating step which involves the use of dielectric heating.

IPC 1-7

**F01N 3/02; F01N 3/28; D04H 1/64**

IPC 8 full level

**D04H 1/4209** (2012.01); **D04H 1/4218** (2012.01); **D04H 1/64** (2012.01); **D04H 1/645** (2012.01); **F01N 3/28** (2006.01)

CPC (source: EP)

**D04H 1/4209** (2013.01); **D04H 1/4218** (2013.01); **D04H 1/64** (2013.01); **D04H 1/645** (2013.01); **D04H 13/00** (2013.01); **F01N 3/2839** (2013.01)

Citation (search report)

See references of WO 9732118A1

Cited by

US8580169B2; US10273610B2

Designated contracting state (EPC)

DE ES FR GB IT SE

DOCDB simple family (publication)

**WO 9732118 A1 19970904**; AU 1885097 A 19970916; CN 1082610 C 20020410; CN 1216595 A 19990512; DE 69701796 D1 20000531; DE 69701796 T2 20001109; EP 0883736 A1 19981216; EP 0883736 B1 20000426; ES 2146461 T3 20000801

DOCDB simple family (application)

**GB 9700466 W 19970220**; AU 1885097 A 19970220; CN 97194098 A 19970220; DE 69701796 T 19970220; EP 97905225 A 19970220; ES 97905225 T 19970220