

Title (en)

LONG FIBRE-REINFORCED THERMOPLASTIC MATERIAL AND METHOD FOR PRODUCING THE SAME

Title (de)

LANGFASERVERSTÄRKTES THERMOPLASTISCHES MATERIAL UND VERFAHREN ZUM HERSTELLEN DESSELBEN

Title (fr)

MATIERE THERMOPLASTIQUE RENFORCEE PAR DE LONGUES FIBRES ET SON PROCEDE DE PRODUCTION

Publication

**EP 1194476 A1 20020410 (DE)**

Application

**EP 00951222 A 20000609**

Priority

- DE 0001928 W 20000609
- DE 19930920 A 19990706

Abstract (en)

[origin: DE19930920A1] The invention relates to a long fibre-reinforced thermoplastic material and to a method for producing long fibre-reinforced thermoplastics. According to said method, the fibres are impregnated with a first thermoplastic material. Since the matrix of the material consists of at least two different thermoplastics, the fibres being essentially only wet by one of the two thermoplastic materials, the material is considerably more variable in terms of the mechanical and other physical, chemical and electrical properties that can be obtained than known thermoplastic, long fibre-reinforced materials.

IPC 1-7

**C08J 5/12**; B29B 9/14; C08J 3/22

IPC 8 full level

**B29C 70/02** (2006.01); **C08J 5/04** (2006.01)

CPC (source: EP US)

**B29C 70/021** (2013.01 - EP US); **C08J 5/04** (2013.01 - EP US)

Citation (search report)

See references of WO 0102471A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

**DE 19930920 A1 20010111**; AU 6424800 A 20010122; EP 1194476 A1 20020410; US 6846857 B1 20050125; WO 0102471 A1 20010111

DOCDB simple family (application)

**DE 19930920 A 19990706**; AU 6424800 A 20000609; DE 0001928 W 20000609; EP 00951222 A 20000609; US 1960102 A 20020503