

Title (en)

SIZED GLASS FIBRES WITH FAST IMPREGNATION FOR THE REINFORCEMENT OF POLYMER MATERIALS

Title (de)

BESCHLICHTETE GLASFASERN MIT SCHNELLER IMPRÄGNIERUNG ZUR VERSTÄRKUNG VON POLYMER MATERIALIEN

Title (fr)

FILS DE VERRE ENSIMES A IMPREGNATION RAPIDE POUR LE RENFORCEMENT DE MATIERES POLYMERES

Publication

**EP 1697270 A2 20060906 (FR)**

Application

**EP 04816500 A 20041202**

Priority

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- FR 0314802 A 20031217

Abstract (en)

[origin: FR2864073A1] Glass fibre coated with an aqueous sizing composition (I) containing (A) polyester, (B) polyvinyl acetate and (C) polyurethane as adhesive film-forming agents. Independent claims are also included for (1) sizing compositions containing an aqueous mixture (I) as above (2) composites containing a thermosetting polymer and reinforcing glass fibres coated with (I).

IPC 8 full level

**C03C 25/32** (2006.01); **C03C 25/26** (2018.01); **C03C 25/323** (2018.01); **C03C 25/326** (2018.01); **C03C 25/54** (2006.01); **C08J 5/08** (2006.01)

CPC (source: EP US)

**C03C 25/26** (2013.01 - EP US); **C03C 25/323** (2013.01 - EP US); **C03C 25/326** (2013.01 - EP US); **C03C 25/54** (2013.01 - EP US); **C08J 5/08** (2013.01 - EP US); **Y10T 428/2933** (2015.01 - EP US)

Citation (search report)

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**FR 2864073 A1 20050624**; **FR 2864073 B1 20060331**; AU 2004299305 A1 20050630; AU 2004299305 B2 20100819; BR PI0417705 A 20070320; CN 1918081 A 20070221; CN 1918081 B 20120411; EP 1697270 A2 20060906; JP 2007514633 A 20070607; JP 4977857 B2 20120718; RU 2006125410 A 20080127; US 2007148453 A1 20070628; WO 2005058771 A2 20050630; WO 2005058771 A3 20060209

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