

Title (en)

WATER REPELLANT FIBERGLASS BINDER COMPRISING A FLUORINATED POLYMER

Title (de)

WASSERABWEISENDES GLASFASERBINDEMITELE, ENTHALTEND EIN FLUORIERTES POLYMER

Title (fr)

LIANT DE FIBRES DE VERRE HYDROFUGE COMPORTANT UN POLYMERE FLUORE

Publication

EP 1805233 A4 20080116 (EN)

Application

EP 05809963 A 20051004

Priority

- US 2005035694 W 20051004
- US 96061704 A 20041007

Abstract (en)

[origin: US2006078719A1] Provided is a fiberglass binder composition which comprises a polycarboxy polymer, a polyol and a fluorinated polymer. The binder also preferably includes a catalyst which is an alkali metal salt of a phosphorus-containing organic acid. The resultant binder provides minimal processing difficulties and a fiberglass product which exhibits minimal water absorption.

IPC 8 full level

C08F 20/00 (2006.01); **C08L 27/00** (2006.01); **C08L 33/02** (2006.01); **D04H 1/00** (2006.01)

CPC (source: EP KR US)

C03C 25/26 (2013.01 - EP US); **C08L 27/00** (2013.01 - EP US); **C08L 33/02** (2013.01 - EP US); **C08L 33/06** (2013.01 - EP US); **C09J 127/12** (2013.01 - KR); **C09J 167/03** (2013.01 - KR); **D04H 1/587** (2013.01 - EP US); **D04H 1/64** (2013.01 - EP US); **C08K 5/17** (2013.01 - EP US); **C08K 7/14** (2013.01 - EP US); **C08L 33/16** (2013.01 - EP US); **Y10T 428/249924** (2015.04 - EP US)

Citation (search report)

- No further relevant documents disclosed
- See references of WO 2006041848A2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

US 2006078719 A1 20060413; CA 2582889 A1 20060420; CN 101039968 A 20070919; EP 1805233 A2 20070711; EP 1805233 A4 20080116; JP 2008515761 A 20080515; KR 20070088596 A 20070829; WO 2006041848 A2 20060420; WO 2006041848 A3 20061207

DOCDB simple family (application)

US 96061704 A 20041007; CA 2582889 A 20051004; CN 200580034440 A 20051004; EP 05809963 A 20051004; JP 2007535755 A 20051004; KR 20077007928 A 20070406; US 2005035694 W 20051004