

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

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**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

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