

Title (en)

STABLE AMORPHOUS HYDRATED METAL OXIDE SIZING FOR FIBRES IN COMPOSITES

Publication

EP 0387468 A3 19910605 (EN)

Application

EP 89630216 A 19891208

Priority

US 28600088 A 19881219

Abstract (en)

[origin: EP0387468A2] A method of using a polymeric composite wherein the composite exhibits greater oxidative stability. The fiber reinforcement has a layer of amorphous hydrated metal alkoxide formed by deposition onto the fiber and subsequent hydrolysis of metal alkoxides. The improvement comprises exposing the composite to temperatures of about 100 DEG C to about 975 DEG C.

IPC 1-7

D01F 11/12; D06M 11/45; D06M 11/46; D06M 11/79

IPC 8 full level

C08K 7/02 (2006.01); **C08K 7/00** (2006.01); **C08K 9/04** (2006.01); **D01F 11/12** (2006.01); **D06M 11/45** (2006.01); **D06M 11/46** (2006.01); **D06M 11/79** (2006.01)

CPC (source: EP)

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Citation (search report)

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Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

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