

Title (en)
FIBER MATERIAL AND PROCESS FOR ITS PREPARATION

Publication
EP 0020672 B1 19840229 (EN)

Application
EP 80900011 A 19800617

Priority
DK 547878 A 19781201

Abstract (en)
[origin: WO8001176A1] Fiber materials, especially for use as reinforcing fiber element in composite materials based on organic and/or inorganic binders, are treated with metal oxide acylates, which facilitates the ability of the fibers to become defibrated and uniformly distributed in the final composite material. Cellulose fibers treated with e.g. aluminum oxide stearate or titanium oxide acylate do not swell with water and do not tend to conglomerate. During treatment with metal oxide acylates the fibers should be dry.

IPC 1-7
D06M 13/24; C04B 31/00

IPC 8 full level
B27K 5/00 (2006.01); **C08L 7/02** (2006.01); **D06M 11/45** (2006.01); **D06M 11/46** (2006.01); **D06M 13/02** (2006.01); **D06M 13/188** (2006.01); **D06M 13/224** (2006.01); **D06M 13/50** (2006.01); **D06M 13/51** (2006.01); **D21H 13/00** (2006.01); **D06M 101/00** (2006.01); **D06M 101/02** (2006.01); **D06M 101/06** (2006.01); **D06M 101/08** (2006.01)

CPC (source: EP)
D06M 11/45 (2013.01); **D06M 11/46** (2013.01); **D06M 13/188** (2013.01); **D06M 2101/06** (2013.01); **D06M 2101/12** (2013.01); **D06M 2101/22** (2013.01); **D06M 2101/32** (2013.01); **D06M 2101/34** (2013.01); **D06M 2200/50** (2013.01)

Cited by
CN105152551A

Designated contracting state (EPC)
AT CH DE FR GB NL SE

DOCDB simple family (publication)
WO 8001176 A1 19800612; DE 2966739 D1 19840405; DK 547878 A 19800602; EP 0020672 A1 19810107; EP 0020672 B1 19840229; FI 64664 B 19830831; FI 64664 C 19831212; FI 793781 A 19800602; JP S56501372 A 19810924; NO 793920 L 19800603

DOCDB simple family (application)
DK 7900055 W 19791130; DE 2966739 T 19791130; DK 547878 A 19781201; EP 80900011 A 19800617; FI 793781 A 19791203; JP 50006479 A 19791130; NO 793920 A 19791203