

Title (en)
FLAMEPROOFING AND FUNGICIDE AGENTS WHICH ARE BIOLOGICALLY SUITABLE FOR USE IN CONSTRUCTION, FOR INSULATING MATERIALS CONSISTING OF RENEWABLE RAW MATERIALS

Title (de)
BAUBIOLOGISCH UNBEDENKLICHE FLAMM- UND PILZSCHUTZMITTEL FÜR DÄMMSTOFFE AUS NACHWACHSENDEN ROHSTOFFEN

Title (fr)
AGENTS IGNIFUGES ET FONGICIDES BIOLOGIQUEMENT INOFFENSIFS POUR LES CONSTRUCTIONS ET DESTINES AUX MATERIAUX ISOLANTS EN MATIERES BRUTES DE DILATION SECONDAIRE

Publication
EP 1098951 A1 20010516 (DE)

Application
EP 99932750 A 19990629

Priority

- DE 19829277 A 19980630
- EP 9904492 W 19990629

Abstract (en)
[origin: DE19829277A1] The invention relates to a method for flameproofing insulating materials made with renewable raw materials. According to this method, the insulating material is impregnated with an aqueous impregnating solution containing 5 to 20 wt.% sodium and/or potassium carbonate as the flameproofing and fungicide agent and additionally, 2 to 10 wt.% of a tenside as a fungicide. The insulating materials are shavings of hemp, miscanthus, flax, jute and ramie and insulating matting consisting of fibres of hemp, miscanthus, flax, ramie and shorn wool.

IPC 1-7
C09K 21/02; D06M 11/76

IPC 8 full level
C04B 20/10 (2006.01); **C04B 41/50** (2006.01); **E04B 1/74** (2006.01)

CPC (source: EP)
C04B 20/107 (2013.01); **C04B 41/009** (2013.01); **C04B 41/501** (2013.01); **C04B 2111/28** (2013.01); **E04B 2001/745** (2013.01); **Y02A 30/244** (2017.12); **Y02W 30/91** (2015.05)

Citation (search report)
See references of WO 0000570A1

Designated contracting state (EPC)
AT DK ES FR GB IT NL

DOCDB simple family (publication)
DE 19829277 A1 20000105; EP 1098951 A1 20010516; WO 0000570 A1 20000106

DOCDB simple family (application)
DE 19829277 A 19980630; EP 9904492 W 19990629; EP 99932750 A 19990629