

Title (en)
MOLD AND MILDEW INHIBITING WICKING MATERIAL

Title (de)
MODER- UND SCHIMMELHEMMENDES DOCHTMATERIAL

Title (fr)
MATERIAU DE MECHE INHIBANT LES MOISSISSURES

Publication
EP 1317588 A1 20030611 (EN)

Application
EP 01970731 A 20010910

Priority
• US 0128240 W 20010910
• US 65879200 A 20000911

Abstract (en)
[origin: WO0222976A1] A breathable building material including a building material and a plurality of elongated shaped fibers having channels extending lengthwise along, and/or through, the fiber. Building materials having channeled fibers extending therethrough wick moisture from areas of higher concentration to areas of lower concentration. The wicking properties of the present invention reduce the concentration of water, and lessen the probability and/or severity of rot, mold and mildew. Some embodiments of the invention incorporate biocides with the fibers. Biocides can include antifungal, antimicrobial, and antimildew agents. Some fibers are coated with biocide prior to being incorporated into the building material layers. Building materials incorporating fibers include siding, insulation, wallboard, paint, wallpaper paste, wallpaper, plaster, ceiling tile, wallpaper or any other building material. Fibers can be incorporated in and transversely oriented perpendicularly to the building material surfaces, or randomly oriented, depending on the embodiment.

IPC 1-7
E04B 1/62

IPC 8 full level
E04B 1/62 (2006.01)

CPC (source: EP)
E04B 1/62 (2013.01)

Citation (search report)
See references of WO 0222976A1

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)
WO 0222976 A1 20020321; AT E328166 T1 20060615; AU 9070901 A 20020326; CA 2422281 A1 20020321; DE 60120195 D1 20060706; DE 60120195 T2 20070329; EP 1317588 A1 20030611; EP 1317588 B1 20060531

DOCDB simple family (application)
US 0128240 W 20010910; AT 01970731 T 20010910; AU 9070901 A 20010910; CA 2422281 A 20010910; DE 60120195 T 20010910; EP 01970731 A 20010910