

Title (en)

FIREPROOFING AGENT FOR PARTICLE OR FIBRE BOARDS

Title (de)

BRANDSCHUTZMITTEL FÜR PLATTEN AUS SPÄNEN ODER FASERN

Title (fr)

AGENT DE PROTECTION CONTRE LES INCENDIES POUR PANNEAUX EN COPEAUX OU EN FIBRES

Publication

EP 0958330 A1 19991124 (DE)

Application

EP 97925009 A 19970528

Priority

- DE 19621606 A 19960530
- EP 9702780 W 19970528

Abstract (en)

[origin: DE19621606A1] The invention concerns a fireproofing agent which can be applied to boards or shaped parts of particles or fibres, obtained from wood or components of annual plants, in order to render them fireproof. The fireproofing agent according to the invention contains between 65 and 85, preferably 74, parts by weight ammonium sulphate, between 10 and 25, preferably 19, parts by weight borax and between 4 and 10, preferably 7, parts by weight trisodiumphosphate. In addition, between 0.5 and 2 parts by weight, preferably 1 part by weight, sodium metasilicate can be added. The invention further concerns a method of fireproofing boards or shaped parts of this type. According to this method, the particles or fibres are first impregnated with a solution of the fireproofing agent according to the invention, are then dried to a moisture content of between approximately 1 % and approximately 12 %, preferably between 1 and 4 %, are subsequently glued with a binder, combined to form pressed mats, and finally compressed to form boards or shaped parts.

IPC 1-7

C09K 21/04; **C09K 21/02**; **B27N 9/00**; **B27K 3/32**

IPC 8 full level

A62D 1/00 (2006.01); **B27K 3/32** (2006.01); **B27N 9/00** (2006.01); **C09K 21/02** (2006.01)

CPC (source: EP)

A62D 1/0035 (2013.01); **B27N 9/00** (2013.01); **C09K 21/02** (2013.01); **B27K 3/163** (2013.01); **B27K 3/32** (2013.01); **B27K 2240/30** (2013.01)

Citation (search report)

See references of WO 9746635A1

Designated contracting state (EPC)

AT BE CH DE DK ES FI FR GB GR IE IT LI LU NL PT SE

DOCDB simple family (publication)

DE 19621606 A1 19971204; AU 3030197 A 19980105; BR 9709375 A 20000111; CA 2256398 A1 19971211; EP 0958330 A1 19991124; WO 9746635 A1 19971211

DOCDB simple family (application)

DE 19621606 A 19960530; AU 3030197 A 19970528; BR 9709375 A 19970528; CA 2256398 A 19970528; EP 9702780 W 19970528; EP 97925009 A 19970528