

Title (en)
FIRE-RETARDING MATERIALS MIXTURE

Title (de)
BRANDHEMMENDE MATERIALMISCHUNG

Title (fr)
MÉLANGE DE SUBSTANCES IGNIFUGE

Publication
EP 2576473 A2 20130410 (DE)

Application
EP 11784922 A 20110525

Priority

- DE 102010021629 A 20100526
- DE 2011001149 W 20110525

Abstract (en)
[origin: WO2012019578A2] The present invention relates to a fire-retarding materials mixture composed of mineral and/or organic substances, synthetic and/or natural polymers or a combination of these substances and polymers, which are formed preferably as thermoplastic and/or thermoset mouldings, there being provided at least one inorganic and/or organic filler or a combination of these fillers, which on exposure to high temperatures release(s) water and/or water vapour, the mixture being characterized in that the at least one filler or the combination of such fillers is such that the release of water and/or water vapour takes place in defined and/or differentiated temperature ranges.

IPC 8 full level
C04B 14/18 (2006.01)

CPC (source: EP)
C04B 14/18 (2013.01); **C04B 26/18** (2013.01); **C09K 21/02** (2013.01); **C04B 2111/28** (2013.01)

Citation (search report)
See references of WO 2012019578A2

Citation (examination)

- US 4297311 A 19811027 - SHERMAN NORMAN, et al
- US 5032625 A 19910716 - ROSS GILBERT B [US], et al

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
WO 2012019578 A2 20120216; WO 2012019578 A3 20120426; DE 112011104289 A5 20130912; EP 2576473 A2 20130410

DOCDB simple family (application)
DE 2011001149 W 20110525; DE 112011104289 T 20110525; EP 11784922 A 20110525