

Title (en)
INORGANIC FIBER

Title (de)
ANORGANISCHE FASER

Title (fr)
FIBRE INORGANIQUE

Publication
EP 2038116 A2 20090325 (EN)

Application
EP 06786131 A 20060630

Priority
US 2006025840 W 20060630

Abstract (en)
[origin: WO2008005008A2] Provided are inorganic fibers containing calcium and alumina as the major fiber components. Also provided are methods of preparing the inorganic fibers and of thermally insulating articles using thermal insulation comprising the inorganic fibers. The fibers are resistant to temperatures of 1100oC and greater, and are resistant to flux attack.

IPC 8 full level
C03C 13/00 (2006.01); **D02G 3/16** (2006.01)

CPC (source: EP)
C03C 13/06 (2013.01); **C04B 35/62231** (2013.01); **C04B 35/62236** (2013.01); **C04B 2235/3208** (2013.01); **C04B 2235/3217** (2013.01); **C04B 2235/3244** (2013.01); **C04B 2235/3272** (2013.01); **C04B 2235/3418** (2013.01); **C04B 2235/72** (2013.01); **C04B 2235/9692** (2013.01)

Citation (third parties)
Third party :

- EP 0586797 A1 19940316 - DIDIER WERKE AG [DE]
- WALLENBERGER F.T. ET AL: "Calcium aluminate glass fibers: drawing from supercooled melts versus inviscid melt spinning", MATERIALS LETTERS, vol. 11, no. 8-9, 1 July 1991 (1991-07-01), pages 229 - 235, XP022766085
- "Calcium Aluminate Cements - History, Manufacture and Grades of Calcium AluminateCements", 11 September 2002 (2002-09-11), pages 1 - 2, XP003030421, Retrieved from the Internet <URL:http://www.azom.com/article.aspx?ArticleID=1634>

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK RS

DOCDB simple family (publication)
WO 2008005008 A2 20080110; WO 2008005008 A3 20090430; AU 2006345730 A1 20080110; AU 2006345730 B2 20111103; BR PI0621848 A2 20110419; CN 101528623 A 20090909; CN 101528623 B 20130925; EP 2038116 A2 20090325; EP 2038116 A4 20100505; JP 2009542927 A 20091203; JP 5162584 B2 20130313; MX 2008016366 A 20090223

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US 2006025840 W 20060630; AU 2006345730 A 20060630; BR PI0621848 A 20060630; CN 200680055174 A 20060630; EP 06786131 A 20060630; JP 2009518078 A 20060630; MX 2008016366 A 20060630