

Title (en)
PROCESS FOR PRODUCING MAGNETIC GRANULAR EXPANDED GLASS AND GRANULAR EXPANDED GLASS PRODUCED THEREBY

Title (de)
VERFAHREN ZUR HERSTELLUNG VON MAGNETISCHEM BLÄHGLASGRANULAT UND DANACH HERGESTELLTES BLÄHGLASGRANULAT

Title (fr)
PROCÉDÉ DE PRODUCTION DE GRANULÉS DE VERRE EXPANSÉ MAGNÉTIQUES ET GRANULÉS DE VERRE EXPANSÉ PRODUITS SELON LEDIT PROCÉDÉ

Publication
EP 2603468 A1 20130619 (DE)

Application
EP 11746218 A 20110809

Priority

- DE 102010039232 A 20100812
- EP 2011063695 W 20110809

Abstract (en)
[origin: WO2012020017A1] A process for producing magnetic granular expanded glass comprises the following process steps: - ground glass and magnetic pigments of one or more ferrimagnetic materials are mixed, - said mixture is dispersed to form a first premixture, - at least some of said first premixture is mixed with expanding agent, binder and water to form a homogeneous slurry, - the slurry is granulated using the remnant of the first premixture which possibly remains to form magnetic granular expanded glass green bodies, and - the granular expanded glass green bodies are foamed to form magnetic granular expanded glass particles at temperatures of 600°C to 950°C.

IPC 8 full level
B03C 1/01 (2006.01); **C03C 11/00** (2006.01); **C03C 14/00** (2006.01); **C12M 1/107** (2006.01); **C12N 11/14** (2006.01)

CPC (source: EP)
B03C 1/01 (2013.01); **C03B 19/108** (2013.01); **C03C 11/007** (2013.01); **C12N 11/14** (2013.01); **C03C 2214/04** (2013.01); **C03C 2214/30** (2013.01)

Citation (search report)
See references of WO 2012020017A1

Citation (examination)

- DE 10252693 A1 20040603 - TROVOTECH GMBH [DE]
- DATABASE WPI Week 201049, Derwent World Patents Index; AN 2009-F89750

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)
DE 102010039232 A1 20120216; DE 102010039232 B4 20130221; EP 2603468 A1 20130619; WO 2012020017 A1 20120216

DOCDB simple family (application)
DE 102010039232 A 20100812; EP 11746218 A 20110809; EP 2011063695 W 20110809