

Title (en)

PROCESS FOR THE PRODUCTION OF LUMINESCENT SUBSTANCES FOR FLARES IN A PULSATION REACTOR

Title (de)

VERFAHREN ZUR HERSTELLUNG VON GRANAT-LEUCHTSTOFFEN IN EINEM PULSATIONSREAKTOR

Title (fr)

PROCÉDÉ DE PRÉPARATION DE SUBSTANCES LUMINESCENTES GRENAT DANS UN RÉACTEUR PULSÉ

Publication

EP 2027231 A1 20090225 (DE)

Application

EP 07725395 A 20070521

Priority

- EP 2007004488 W 20070521
- DE 102006027133 A 20060612

Abstract (en)

[origin: WO2007144060A1] The invention relates to a process for the production of luminescent substances for flares or to their preliminary stages, using particles with a medium grain size of 50 nm to 20 µm in a multi-stage, thermal process within a pulsation reactor, as well as lighting units containing the luminescent substances for flares in accordance with the invention.

IPC 8 full level

C09K 11/80 (2006.01); **C01B 13/34** (2006.01); **C01F 7/02** (2006.01); **H01L 33/50** (2010.01); **H01L 33/56** (2010.01); **H01L 33/62** (2010.01)

CPC (source: EP KR US)

B82Y 30/00 (2013.01 - EP US); **C01B 13/34** (2013.01 - EP KR US); **C01F 17/34** (2020.01 - EP US); **C09K 11/77** (2013.01 - KR); **C09K 11/7721** (2013.01 - EP KR US); **C09K 11/7774** (2013.01 - EP KR US); **C01P 2002/84** (2013.01 - EP US); **C01P 2004/03** (2013.01 - EP US); **C01P 2004/64** (2013.01 - EP US)

Citation (search report)

See references of WO 2007144060A1

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 MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

DE 102006027133 A1 20071213; CA 2646894 A1 20071221; CN 101466814 A 20090624; EP 2027231 A1 20090225; JP 2009540069 A 20091119; KR 20090026338 A 20090312; TW 200808941 A 20080216; US 2009189507 A1 20090730; WO 2007144060 A1 20071221

DOCDB simple family (application)

DE 102006027133 A 20060612; CA 2646894 A 20070521; CN 200780021944 A 20070521; EP 07725395 A 20070521; EP 2007004488 W 20070521; JP 2009514655 A 20070521; KR 20097000529 A 20090109; TW 96120987 A 20070611; US 30431307 A 20070521