

Title (en)
SAFETY DEVICE

Title (de)
SICHERHEITSVORRICHTUNG

Title (fr)
DISPOSITIF DE SÉCURITÉ

Publication
EP 2673441 B1 20180808 (DE)

Application
EP 12709782 A 20120210

Priority
• DE 102011010928 A 20110211
• EP 2012000607 W 20120210

Abstract (en)
[origin: WO2012107234A1] The present invention relates to a device for protecting living beings and objects against being buried by bulk material, a method for producing said device and uses employing this device.

IPC 8 full level
A62B 33/00 (2006.01); **E04B 2/74** (2006.01); **E04H 17/16** (2006.01); **E05D 1/04** (2006.01); **E05D 7/00** (2006.01)

CPC (source: EP US)
A62B 33/00 (2013.01 - US); **E04B 2/7401** (2013.01 - US); **E04B 2/7405** (2013.01 - US); **E05D 1/04** (2013.01 - EP US);
E05D 7/009 (2013.01 - EP US); **Y10T 29/49629** (2015.01 - EP US)

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 2012107234 A1 20120816; AU 2012216168 B2 20170119; BR 112013020517 A2 20161018; CN 103370489 A 20131023;
CN 103370489 B 20150805; DE 102011010928 A1 20120816; EP 2673441 A1 20131218; EP 2673441 B1 20180808;
JP 2014511444 A 20140515; JP 5951646 B2 20160713; US 2013312918 A1 20131128; US 8966830 B2 20150303

DOCDB simple family (application)
EP 2012000607 W 20120210; AU 2012216168 A 20120210; BR 112013020517 A 20120210; CN 201280008576 A 20120210;
DE 102011010928 A 20110211; EP 12709782 A 20120210; JP 2013552887 A 20120210; US 201213983634 A 20120210