

Title (en)  
AN APPARATUS AND A METHOD FOR DISPENSING BEAD INSULATION INTO CAVITY WALLS FOR PROVIDING INSULATION BETWEEN TWO SKINS OF THE WALLS

Title (de)  
VORRICHTUNG UND VERFAHREN ZUR ABGABE VON ISOLIERPERLEN IN HOHLWÄNDEN ZUR BEREITSTELLUNG VON ISOLIERUNG ZWISCHEN ZWEI WANDUNGEN DER WÄNDEN

Title (fr)  
APPAREIL ET PROCÉDÉ DE DISTRIBUTION DE BILLES ISOLANTES DANS DES MURS CREUX POUR FOURNIR UNE ISOLATION ENTRE DEUX PAROIS DES MURS

Publication  
**EP 3097982 A1 20161130 (EN)**

Application  
**EP 16170865 A 20160523**

Priority  
NL 2014884 A 20150529

Abstract (en)  
An apparatus for dispensing bead insulation into cavity walls, the apparatus comprising: a dispensing head, a bead container connected to said dispensing head, bead transportation means arranged for transporting said dry bead insulation from said bead container to said dispensing head, an adhesive container connected to said dispensing head, adhesive fluid transportation means arranged for transporting said adhesive fluid to said dispensing head, wherein said apparatus further comprises a dry bead flow meter arranged for determining a measure for a flow rate of said transported dry bead insulation, an adhesive fluid flow meter arranged for determining a measure for a flow rate of said transported adhesive fluid, and a control unit in electronic communication with said dry bead flow meter and said adhesive fluid flow meter, and arranged for determining and providing a ratio of transported dry bead insulation to transported adhesive fluid based on said determined measures.

IPC 8 full level  
**B05B 7/14** (2006.01); **B05B 12/14** (2006.01); **E04F 21/08** (2006.01); **B05B 13/06** (2006.01)

CPC (source: EP)  
**B05B 7/149** (2013.01); **B05B 12/1436** (2013.01); **E04F 21/085** (2013.01); **B05B 13/06** (2013.01)

Citation (search report)  
• [I] EP 0665342 A1 19950802 - GATT JOSEF [AT]  
• [I] DE 19727054 A1 19990225 - PELTZER WOLFGANG [DE], et al  
• [IA] WO 0208557 A1 20020131 - HOERMANN KG FREISEN [DE], et al  
• [A] EP 2657431 A1 20131030 - ISOFLOC AG [CH]  
• [A] GB 2103695 A 19830223 - CAPE INSULATION LTD [GB]  
• [A] EP 1803884 A1 20070704 - VIERK HELMUT [DE]  
• [A] DE 3044693 A1 19820708 - HOFFMANN HELMUT  
• [A] EP 1214989 A2 20020619 - SHIBUYA KOGYO CO LTD [JP]  
• [A] WO 2010099615 A1 20100910 - BRAMAL INC [CA], et al  
• [A] US 2010084485 A1 20100408 - BIRTHISEL TIMOTHY D [US]

Cited by  
NL2025545B1; CN112982903A; NL2028919B1; EP4033050A1; EP4053547A1; NL2023677B1; EP3109373B1

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

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**EP 3097982 A1 20161130**; **EP 3097982 B1 20190724**; DK 3097982 T3 20190916; NL 2014884 A 20161208; NL 2014884 B1 20170131

DOCDB simple family (application)  
**EP 16170865 A 20160523**; DK 16170865 T 20160523; NL 2014884 A 20150529