

Title (en)
Device for transporting slabs

Title (de)
Vorrichtung zum Transportieren von Brammen

Title (fr)
Dispositif de transport de brames

Publication
EP 2705911 A3 20140618 (DE)

Application
EP 13176451 A 20130715

Priority
DE 102012215769 A 20120905

Abstract (en)
[origin: EP2705911A2] The device comprises a compatible base (2) configured for receiving slabs and attached to a cover (3). The base includes a planar receptacle (36) for receiving and removal of a total weight of the cover. The slabs are stacked on the receptacle. The receptacle is configured for removal of the base of the device. The cover is connected via a locking unit with the base. The base and the cover are lifted to a second stopper. The device further comprises a compatible, transportation and lifting unit, a unit for guiding the cover in a closed position, and an identification unit. The device comprises a compatible base (2) configured for receiving slabs and attached to a cover (3). The base includes a planar receptacle (36) for receiving and removal of a total weight of the cover. The slabs are stacked on the receptacle. The receptacle is configured for removal of the base of the device. The cover is connected via a locking unit with the base. The base and the cover are lifted to a second stopper. The device further comprises a compatible, transportation and lifting unit, a unit for guiding the cover in a closed position, and a unit for identifying the slab on the base. The base or the cover comprises a stop unit for abutting the transportation and lifting unit. The receptacle is formed with a flat plane. The guiding unit is provided within the base. The receptacle comprises a longitudinal support and/or a cross member. An anchor is provided on the receptacle. The base comprises a replaceable, insulation over a foamed clay. An insulation layer is provided on the receptacle. The cover comprises a support structure and walls with insulating material. The receptacle is made of silicate-based refractory brick (6).

IPC 8 full level
B21B 39/00 (2006.01)

CPC (source: EP)
B21B 39/00 (2013.01); **B65D 88/126** (2013.01)

Citation (search report)
• [X] EP 0726101 A1 19960814 - TIPPINS INC [US]
• [X] WO 2010142854 A1 20101216 - OY LANGH SHIP AB [FI], et al
• [X] US 2007246466 A1 20071025 - WHYTE GARRY R [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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 2705911 A2 20140312; EP 2705911 A3 20140618; EP 2705911 B1 20180926; DE 102012215769 A1 20140306

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EP 13176451 A 20130715; DE 102012215769 A 20120905