

Title (en)

Formwork device and method for creating an opening when casting a component

Title (de)

Schalungsvorrichtung und Verfahren zum Schaffen einer Aussparung beim Gießen eines Bauteils

Title (fr)

Dispositif de coffrage et procédé de formation d'un évidement lors du coulage d'un composant

Publication

EP 2226449 A3 20130424 (DE)

Application

EP 10001245 A 20100206

Priority

DE 102009011616 A 20090304

Abstract (en)

[origin: EP2226449A2] The device (4) has transverse reinforcement elements (6, 7) allowing subsequent fastening of tensile stress compensating elements (3) i.e. Isokorb(RTM: heat-insulating load-bearing element) in an area of a recess by filling a curing and/or curable filler i.e. concrete, where the device is designed in form of box elements (4.1-4.3). The device is made of cardboard, polystyrene and metallic material in form of an elongated metal or sheet metal grid. The box elements (4.1, 4.3) are comprised of box parts (4.1a, 4.1b, 4.3a, 4.3b), where a separating line (5) runs between the box parts. An independent claim is also included for a method for creating the recess.

IPC 8 full level

E04B 1/00 (2006.01); **E04G 15/06** (2006.01); **E04G 21/12** (2006.01)

CPC (source: EP US)

E04B 1/0038 (2013.01 - EP US); **E04G 15/061** (2013.01 - EP US); **E04G 21/125** (2013.01 - EP US)

Citation (search report)

- [X1] DE 202007007583 U1 20070802 - SYNCOTEC GMBH [DE], et al
- [X1] CH 267329 A 19500331 - LOSS ERNST [CH], et al
- [X1] CH 685252 A5 19950515 - EXTRUPLAST GMBH [DE]
- [X1] EP 0667429 A1 19950816 - PECA VERBUNDTECHNIK [DE]

Cited by

CN102828799A

Designated contracting state (EPC)

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 SE SI SK SM TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

EP 2226449 A2 20100908; EP 2226449 A3 20130424; CA 2695262 A1 20100904; DE 102009011616 A1 20100909; US 2010225024 A1 20100909

DOCDB simple family (application)

EP 10001245 A 20100206; CA 2695262 A 20100303; DE 102009011616 A 20090304; US 71345610 A 20100226