

Title (en)
METHOD FOR THE PRODUCTION OF A CONCRETE BODY

Title (de)
VERFAHREN ZUR HERSTELLUNG EINES BETONKÖRPERS

Title (fr)
PROCÉDÉ POUR LA FABRICATION D'UN CORPS EN BÉTON

Publication
EP 3186049 B1 20230726 (DE)

Application
EP 15735617 A 20150624

Priority
• CH 12822014 A 20140826
• CH 2015000093 W 20150624

Abstract (en)
[origin: WO2016029325A1] The present invention relates to a method for producing a concrete body (1) comprising a cavity (3) that is open towards the outside via at least one opening. In said method, a mold core (14) for forming the cavity (3) of the concrete body (1), the shaping surfaces thereof being formed at least partially by a layer (15) of a compressible material which is arranged on a rigid support structure (16) of the mold core (14), is arranged in an outer mold (13a, 13b) for forming the outer surface of the concrete body (1), whereby a space is formed between the shaping surfaces of the outer mold (13a, 13b) and the shaping surfaces of the mold core (14). Said space is then filled with concrete (7), and the concrete (7) is cured, whereby the concrete body (1) is obtained. The mold core (14) is removed through the at least one opening from the shaped cavity (3) of the concrete body (1). The method according to the invention allows the production of concrete bodies (1) having long cavities (3) in a cost-effective manner and in excellent quality by means of the mold casting method.

IPC 8 full level
B28B 7/30 (2006.01); **E02D 5/30** (2006.01); **E02D 5/56** (2006.01)

CPC (source: EP)
B28B 7/306 (2013.01); **E02D 5/30** (2013.01)

Citation (examination)
• EP 0127221 A1 19841205 - FABER PIETER
• DE 3317182 A1 19841115 - DENNERT KG VEIT [DE]
• DE 4127326 A1 19930225 - HUETHER GMBH & CO KG [DE]

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)
CH 710019 A2 20160229; EP 3186049 A1 20170705; EP 3186049 B1 20230726; EP 3186049 C0 20230726; PL 3186049 T3 20231127; WO 2016029325 A1 20160303

DOCDB simple family (application)
CH 12822014 A 20140826; CH 2015000093 W 20150624; EP 15735617 A 20150624; PL 15735617 T 20150624