

Title (en)
REINFORCED CONCRETE SLAB AND PRODUCTION METHOD THEREOF

Title (de)
VERSTÄRKTE BETONPLATTE UND HERSTELLUNGSVERFAHREN DAFÜR

Title (fr)
DALLE EN BÉTON ARMÉ ET SON PROCÉDÉ DE PRODUCTION

Publication
EP 2930280 A1 20151014 (EN)

Application
EP 15163331 A 20150413

Priority
FI 20145351 A 20140411

Abstract (en)
A supporting slab (1) comprising a concrete matrix structure having at least a planar surface forming the upper surface (2) of the slab and a lower surface (3) located opposite the upper surface (2). The planar surface is surrounded by a kerb (4, 16) extending from the lower surface (3) of the slab to a direction opposite the upper surface (2) and the lower surface (3) of the slab comprises cross-wise webs (7). The webs (7) extend in the lower surface (3) over the area defined by the kerb (4, 14) inside it and protruding outwards from the lower surface. The kerb (4, 16) and the webs (7) each comprise reinforcing steels. The indentations between the kerb (4, 16) and the webs (7, 17) are at least partly filled with filler material lighter than concrete.

IPC 8 full level
E04B 1/00 (2006.01); **E04B 5/14** (2006.01)

CPC (source: EP FI)
E04B 1/003 (2013.01 - EP FI); **E04B 1/14** (2013.01 - FI); **E04B 5/14** (2013.01 - FI); **E04B 5/38** (2013.01 - EP); **E04B 5/48** (2013.01 - EP); **E04C 2/26** (2013.01 - FI); **E04C 2/288** (2013.01 - FI); **E04C 2/384** (2013.01 - FI)

Citation (search report)
• [XYI] US 6101779 A 20000815 - DAVENPORT GARY A [US]
• [XYI] WO 9410405 A1 19940511 - LEGALET SVENSKA AB [SE], et al
• [XI] US 4942707 A 19900724 - HUETTEMANN ERIK W [US]
• [XAI] EP 0089324 A2 19830921 - FOGA SYSTEM AB [SE]
• [Y] EP 0368804 A1 19900516 - BALZ VOGT AG [CH]
• [A] WO 2008004954 A1 20080110 - NOVA GLAZING LTD [MT], et al

Cited by
CN108560795A; SE2051253A1; SE545914C2

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 2930280 A1 20151014; FI 20145351 A 20151012

DOCDB simple family (application)
EP 15163331 A 20150413; FI 20145351 A 20140411