

Title (en)
LIGHTWEIGHT METAL JOINT FOR CONCRETE SURFACES

Title (de)
LEICHTE METALLFUGE FÜR BETONFLÄCHEN

Title (fr)
JOINT METALLIQUE ALLEGÉ POUR SURFACES EN BETON

Publication
EP 1756367 B1 20160615 (FR)

Application
EP 05742465 A 20050511

Priority
• BE 2005000073 W 20050511
• BE 200400252 A 20040519

Abstract (en)
[origin: WO2005111307A1] The inventive joint for concrete slabs consists of a first part (1) which is incorporated into a first slab (14), comprises a vertical wall (3) having a top edge and is provided with a sequence of pegs (5) which are arranged at the mid-height at a regular distance and horizontally extend outside the slab (14) and of a second part (2) incorporated into a second slab (15) comprising, in the top section thereof, a wall (8) having a top edge and a sequence of elements in the form of mortises (10) which extend inside the slab (15) and are disposed in front of the pegs (5) in such a way that they interact therewith. The wall edges (3, 8) terminate on the top thereof by a cold rolled fold in such a way that a top smooth surface and a sharp edge of the joint of the adjacent slabs (14, 15) are obtainable.

IPC 8 full level
E01C 11/08 (2006.01); **E01C 11/14** (2006.01)

CPC (source: EP US)
E01C 11/08 (2013.01 - EP US); **E01C 11/14** (2013.01 - EP US); **Y10T 29/49632** (2015.01 - EP US)

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2005111307 A1 20051124; BE 1016053 A4 20060207; CA 2565724 A1 20051124; CA 2565724 C 20140311; EP 1756367 A1 20070228; EP 1756367 B1 20160615; US 2009007512 A1 20090108; US 8091306 B2 20120110; ZA 200609601 B 20080530

DOCDB simple family (application)
BE 2005000073 W 20050511; BE 200400252 A 20040519; CA 2565724 A 20050511; EP 05742465 A 20050511; US 59673805 A 20050511; ZA 200609601 A 20061117