

Title (en)  
CONCRETE SCREW

Title (de)  
BETONSCHRAUBE

Title (fr)  
VIS À BÉTON

Publication  
**EP 3230604 A4 20181010 (EN)**

Application  
**EP 15867657 A 20151124**

Priority  
• SE 1451532 A 20141212  
• SE 2015051258 W 20151124

Abstract (en)  
[origin: WO2016093759A1] The present invention relates to a concrete screw (1) comprising; a head portion (3) comprising a head member (5) adapted to fit to a mounting tool, a first shaft (7), substantially uniformly rod shaped having an essentially uniform first diameter (d1), and a second shaft (9), substantially uniformly rod shaped having an essentially uniform second diameter (d2). The concrete screw (1) further comprises a front section(11) comprising an outer surface (13) and a front end (15), and threads (17) having an essentially uniform third outer diameter (d3), wherein the threads (17) are arranged on the second shaft (9) and the front section (11). The outer surface (13) of the front section (11) has a fourth diameter (d4), smaller than the first, second and third diameters (d1, d2, d3), and wherein the threads (17) keep their third outer diameter (d3) on the smaller fourth diameter (d4) of the front section (11).

IPC 8 full level  
**F16B 25/00** (2006.01); **F16B 25/02** (2006.01); **F16B 25/10** (2006.01)

CPC (source: EP SE)  
**F16B 25/0026** (2013.01 - EP SE); **F16B 25/0063** (2013.01 - EP); **F16B 25/0078** (2013.01 - EP SE); **F16B 25/0084** (2013.01 - EP SE)

Citation (search report)  
• [A] DE 102005058391 A1 20070614 - FISCHER ARTUR WERKE GMBH [DE]  
• [A] US 2011167757 A1 20110714 - VANDENBERG ROGER A [US]  
• See references of WO 2016093759A1

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)  
**WO 2016093759 A1 20160616**; CN 107407311 A 20171128; EP 3230604 A1 20171018; EP 3230604 A4 20181010; SE 1451532 A1 20160613; SE 538636 C2 20161004; TW 201625851 A 20160716; TW I668376 B 20190811

DOCDB simple family (application)  
**SE 2015051258 W 20151124**; CN 201580066569 A 20151124; EP 15867657 A 20151124; SE 1451532 A 20141212; TW 104138938 A 20151124