

Title (en)
EXPANSION ANCHOR

Title (de)
SPREIZDÜBEL

Title (fr)
CHEVILLE À EXPANSION

Publication
EP 2635818 A1 20130911 (DE)

Application
EP 11791428 A 20111028

Priority

- DE 102011002163 A 20110419
- DE 102011012352 A 20110224
- DE 102010050219 A 20101104
- EP 2011005447 W 20111028

Abstract (en)
[origin: WO2012059199A1] The invention relates to an expansion anchor (1). According to the invention, the expansion anchor (1) is designed with a screw channel (4) having an internal thread (6) in a rear section and a large step-like narrowing of the diameter of the screw channel (4) at the transition to an expansion section. In this way, a wide expansion of the expansion anchor (1) is achieved with low torque because of the internal thread (6).

IPC 8 full level
F16B 13/12 (2006.01)

CPC (source: EP)
F16B 13/124 (2013.01)

Citation (search report)
See references of WO 2012059199A1

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)
DE 102011002163 A1 20120510; CN 103180619 A 20130626; DE 102011002165 A1 20120510; EP 2635818 A1 20130911; EP 2635819 A1 20130911; RU 2013125572 A 20141210; WO 2012059199 A1 20120510; WO 2012059200 A1 20120510

DOCDB simple family (application)
DE 102011002163 A 20110419; CN 201180053136 A 20111028; DE 102011002165 A 20110419; EP 11791428 A 20111028; EP 11791429 A 20111028; EP 2011005447 W 20111028; EP 2011005448 W 20111028; RU 2013125572 A 20111028