

Title (en)

Method for setting a split anchor and screwdriver for setting a split anchor

Title (de)

Setzverfahren für einen Spreizanker und Schlagschrauber zum Setzen eines Spreizankers

Title (fr)

Procédé de fixation pour une ancre extensible et vis à percussion pour la fixation d'une ancre extensible

Publication

EP 2495076 B1 20180912 (DE)

Application

EP 12151662 A 20120119

Priority

DE 102011005079 A 20110304

Abstract (en)

[origin: EP2495076A1] The method involves adjusting a repetition rate (Nsoll) of rotary percussions depending on starting torques predetermined for expansion of an expansion sleeve of an expansion anchor. Exertions of the rotary percussions on a draw bar of the expansion anchor are adjusted (107) by an impact screwdriver when detected center speed of the draw bar exceeds a threshold value. A repetition rate is adjusted responding to an input of a type of the expansion anchor or starting torques by the screwdriver. Duration for setting the expansion anchor is detected by the screwdriver. The impact screwdriver has a reading unit for a radio frequency identification chip. The type of the expansion anchor is indicated by LEDs. An independent claim is also included for an impact screwdriver for setting an expansion anchor.

IPC 8 full level

B25B 21/02 (2006.01); **B25B 23/147** (2006.01); **B25B 31/00** (2006.01)

CPC (source: EP US)

B25B 21/02 (2013.01 - EP US); **B25B 23/1475** (2013.01 - EP US); **B25B 31/00** (2013.01 - EP US)

Cited by

EP2985118A1; EP2985117A1; EP3501743A1; US11413732B2; US10589407B2; WO2016023886A1; WO2016023883A1; WO2019120986A1

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)

EP 2495076 A1 20120905; **EP 2495076 B1 20180912**; CN 102653050 A 20120905; CN 102653050 B 20160504; DE 102011005079 A1 20120906; HK 1173699 A1 20130524; RU 2012107984 A 20130910; US 2012222876 A1 20120906; US 9233458 B2 20160112

DOCDB simple family (application)

EP 12151662 A 20120119; CN 201210049390 A 20120229; DE 102011005079 A 20110304; HK 13100488 A 20130111; RU 2012107984 A 20120302; US 201213405817 A 20120227