

Title (en)

TOOL FOR INSERTING AND/OR REMOVING A HELICALLY COILED WIRE INSERT

Title (de)

WERKZEUG ZUM EIN- UND/ODER AUSBAUEN EINES ZAPFENLOSEN DRAHTGEWINDEEINSATZES

Title (fr)

OUTIL POUR MONTER ET/OU DEMONTER UN INSERT DE FILETAGE EN FIL METALLIQUE SANS TOURILLON

Publication

EP 1838499 B1 20080813 (DE)

Application

EP 06706310 A 20060119

Priority

- EP 2006000456 W 20060119
- DE 202005000947 U 20050120

Abstract (en)

[origin: WO2006077120A1] Disclosed is a tool for inserting and/or removing a helically coiled wire insert, comprising a spindle member (4) that is provided with a driving section (16) for rotating the spindle member as well as an accommodating section (24) for the helically coiled insert (2). Furthermore, a low stop sleeve (8) is provided through which the spindle member (4) extends and which is mounted so as to be axially unmovable relative to the spindle member (4). An entraining blade (6) is tiltably mounted in a longitudinal groove (26) of the spindle member (4) by means of a blade bearing (28, 32) while being spring-biased in the direction of an engaging position in which the entraining blade (6) catches the helically coiled wire insert (2) located on the accommodating section (24).

IPC 8 full level

B25B 27/14 (2006.01)

CPC (source: EP)

B25B 27/143 (2013.01)

Cited by

DE102011051846A1; US9764454B2; US2014373326A1; DE102011051846B4; DE102016125481A1; WO2018114122A1; US11565391B2; WO2013007498A1; DE102016114824A1; WO2018028939A1; US11345004B2

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