

Title (en)

Coiling tool for spring coiling machines

Title (de)

Windewerkzeug für Federwindemaschinen

Title (fr)

Outil de treuil pour machines à enroulement de ressort

Publication

EP 2520384 B1 20170607 (DE)

Application

EP 12002452 A 20120404

Priority

DE 102011100434 A 20110504

Abstract (en)

[origin: EP2520384A1] The tool has a tool holder (20) comprising a recess at an end area, where the recess forms a retainer (22) for a winding insert (23). The retainer is opened towards an end of the holder, where the insert is inserted into the retainer and fastened to the holder in a detachable manner. The retainer and the insert are designed in such a manner that relative movement between the insert and the retainer is blocked when the insert is inserted into the retainer. The recess is formed as a groove extending over the end area of the holder, where the insert is designed as an elongated insert.

IPC 8 full level

B21F 3/02 (2006.01); **B21F 35/00** (2006.01)

CPC (source: EP)

B21F 3/02 (2013.01); **B21F 35/00** (2013.01)

Cited by

CN104493015A; JP6901645B1; EP3225325A1; CN107262632A; DE202019103268U1; DE102019115772B4

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 2520384 A1 20121107; EP 2520384 B1 20170607; DE 102011100434 A1 20121108; DE 102011100434 B4 20141120

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