Title (en)
METHOD AND DEVICE FOR INSERTING TONGUES INTO A GROOVE

Title (de)
VERFAHREN UND VORRICHTUNG ZUM EINSETZEN VON FEDERN IN EINE NUT

Title (fr)
PROCÉDÉ ET DISPOSITIF POUR L'INSERTION DE LANGUETTES DANS UNE RAINURE

Publication
EP 2300204 A2 20110330 (DE)

Application
EP 09772922 A 20090629

Priority
• IB 2009006829 W 20090629
• DE 102008030281 A 20080630

Abstract (en)
[origin: DE102008030281B3] The method involves providing springs (3) on a transition belt (6) by removably sticking springs on sections of the transition belt, where the transition belt is provided with the springs as a winding coil (2). The springs are detachably connected with the transition belt, where the transition belt exhibits a surface contour adapted to the geometry of the springs. The springs are released from the transition belt. The springs are shifted into a groove (4) in element plates (5) for locking the element plates with one another. An independent claim is also included for a spring inserting device comprising a drive unit.

IPC 8 full level
B27M 3/04 (2006.01); **E04F 15/02** (2006.01)

CPC (source: EP US)
B27M 3/0066 (2013.01 - EP US); **B27M 3/04** (2013.01 - EP US); **E04F 15/02038** (2013.01 - EP US); E04F 2201/0138 (2013.01 - EP US); E04F 2201/0153 (2013.01 - EP US); E04F 2201/0523 (2013.01 - EP US); E04F 2201/0541 (2013.01 - EP US); Y10T 29/49863 (2015.01 - EP US); Y10T 29/49872 (2015.01 - EP US); Y10T 29/49901 (2015.01 - EP US); Y10T 29/53613 (2015.01 - EP US)

Citation (search report)
See references of WO 2010001262A2

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Designated extension state (EPC)
AL BA RS

DOCDB simple family (publication)
DE 102008030281 B3 20091029; CN 102066064 A 20110518; CN 102066064 B 20121226; EP 2300204 A2 20110330; EP 2300204 B1 20120815; EP 2300204 B8 20120919; PL 2300204 T3 20130131; US 2011094083 A1 20110428; US 8650738 B2 20140218; WO 2010001262 A2 20100107; WO 2010001262 A3 20100225

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