

Title (en)

Top roller carrying and loading arm

Title (de)

Oberwalzen-Trag-und Belastungsarm

Title (fr)

Bras de support et de pression pour cylindres supérieurs

Publication

**EP 2058421 A3 20110511 (DE)**

Application

**EP 08017471 A 20081006**

Previously filed application

102007053712 20071110 DE

Priority

DE 102007053712 A 20071110

Abstract (en)

[origin: EP2058421A2] The upper roller support and tensioning arm (1) has guides (4,5,6) for receiving upper rollers (7,8,9) at a stretching unit. A fixture device is provided which is assigned with an elastic pressure springs (11,12,13) for loading the appropriate upper rollers. The pressure spring is carried out as plastic shaped part. The pressure springs of the upper rollers have different outer contours and have axial expansions deviating from each other.

IPC 8 full level

**D01H 5/50** (2006.01); **D01H 5/56** (2006.01)

CPC (source: EP)

**D01H 5/505** (2013.01); **D01H 5/565** (2013.01)

Citation (search report)

- [Y] EP 1431433 A1 20040623 - RIETER AG MASCHF [CH]
- [Y] DE 20021319 U1 20010523 - RINGFEDER VBG GMBH [DE]
- [A] DE 102005030528 A1 20070111 - FREUDENBERG CARL KG [DE]
- [A] US 6202995 B1 20010320 - JOU LONG-WEN [TW]
- [A] DD 291787 A5 19910711 - TEXTIMA VEB K [DE]

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EP3020854A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

**EP 2058421 A2 20090513; EP 2058421 A3 20110511**; CN 101429691 A 20090513; CN 101429691 B 20120425;  
DE 102007053712 A1 20090514; JP 2009121016 A 20090604

DOCDB simple family (application)

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