Title (en)
TENSIONING UNIT FOR ROLLING APPARATUSES

Title (de)
SPANNEINHEIT FÜR ROLLVORRICHTUNGEN

Title (fr)
UNITÉ DE SERRAGE POUR APPAREILS DE ROULEMENT

Publication
EP 3095532 A1 20161123 (EN)

Application
EP 16169926 A 20160517

Priority
IT UB20150684 A 20150518

Abstract (en)
Tensioning unit for a rolling apparatus (11), which includes at least one rolling stand (46), comprising a contact unit (13) provided with a tensioning roll (12) and rotatable around an axis of rotation (Z), an actuation element (26) to drive the contact unit (13), a detection unit (17) to measure the forces to which the contact unit (13) is subjected. The contact unit (13), the actuation element (26) and the detection unit (17) are disposed at least partly aligned with each other, one after the other, so as to define a main development of the column type of the tensioning unit (10).

IPC 8 full level
B21B 37/50 (2006.01); **B21B 38/06** (2006.01); **B21B 39/14** (2006.01)

CPC (source: CN EP)
B21B 37/48 (2013.01 - CN); **B21B 37/50** (2013.01 - EP); **B21B 38/06** (2013.01 - CN EP); **B21B 39/14** (2013.01 - EP); B21B 2265/06 (2013.01 - EP)

Citation (applicant)
- JP S62156013 A 19870711 - SUMITOMO METAL IND
- US 5718138 A 19980217 - IMANARI HIROYUKI [JP]

Citation (search report)
- [XDYI] US 5718138 A 19980217 - IMANARI HIROYUKI [JP]
- [Y] US 2010083720 A1 20100408 - HACKENBERG WOLFGANG-DIETMAR [DE]
- [AD] JP S62156013 A 19870711 - SUMITOMO METAL IND
- [A] US 3788534 A 19740129 - SHUMAKER C
- [A] EP 0162361 A2 19851127 - SCHLOEMANN SIEMAG AG [DE]

Cited by
CN114571523A

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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 3095532 A1 20161123; **EP 3095532 B1 20190403**; CN 106166565 A 20161130; CN 106166565 B 20181009; MX 2016006380 A 20161117

DOCDB simple family (application)
EP 16169926 A 20160517; CN 201610325768 A 20160517; MX 2016006380 A 20160516