

Title (en)

Tension levelling system for a metal strip

Title (de)

Spannungsausgleichssystem für einen Metallstreifen

Title (fr)

Système de nivellement de tension d'une bande métallique

Publication

EP 1918035 B1 20191225 (EN)

Application

EP 07020017 A 20071012

Priority

IT MI20062077 A 20061030

Abstract (en)

[origin: EP1918035A1] Tension levelling system (10) of a metal strip (14) comprising at least a couple of levelling rolls (50) of which at least one having an internal cavity (55) elastically expandable through insertion into the same of a pressurized fluid. The tension levelling system (10) comprises sealing means suitable to divide the internal cavity (55) in a plurality of chambers (60) each of which is expandable in independent way through insertion of a pressurized fluid.

IPC 8 full level

B21B 27/05 (2006.01); **B21B 39/08** (2006.01); **B21D 1/05** (2006.01)

CPC (source: EP)

B21D 1/05 (2013.01); **B21B 27/05** (2013.01); **B21B 39/08** (2013.01)

Cited by

ITMI20120271A1; EP2631623A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1918035 A1 20080507; **EP 1918035 B1 20191225**; CN 101172293 A 20080507; IT MI20062077 A1 20080430; TW 200819220 A 20080501

DOCDB simple family (application)

EP 07020017 A 20071012; CN 200710151595 A 20070928; IT MI20062077 A 20061030; TW 96136810 A 20071001