Title (en)
METHOD AND APPARATUS FOR MANUFACTURING A METAL STRIP

Title (de)
VERFAHREN UND VORRICHTUNG ZUR HERSTELLUNG EINES METALLBANDES

Title (fr)
PROCEDE ET DISPOSITIF POUR PRODUIRE UNE BANDE METALLIQUE

Publication
EP 1899086 A1 20080319 (DE)

Application
EP 06753734 A 20060519

Priority
• EP 2006004753 W 20060519
• DE 102005023270 A 20050520

Abstract (en)
[origin: WO2006122817A1] The invention relates to a method for manufacturing a metal strip (1), in which the metal strip (1) is guided over a number of rolls (2, 3, 4, 5) under such a strip stress (S), and is moved in a conveying direction (F), that it is largely flat at least between two rolls (2, 3). In order for it to be possible to inspect the strip in a simple and space-saving way, the invention provides for the inner tensile stresses which act in the metal strip (1) which is largely flat under tensile stress between the at least two rolls (2, 3) to be made optically visible and for the tensile stresses or tensile stress differences which are determined in this way to be utilized during the manufacture of the metal strip (1). Furthermore, the invention relates to an apparatus for manufacturing a metal strip.

IPC 8 full level
B21B 38/06 (2006.01); **G01B 11/30** (2006.01)

CPC (source: EP US)
B21B 38/06 (2013.01 - EP US); B21B 38/02 (2013.01 - EP US)

Citation (search report)
See references of WO 2006122817A1

Cited by
WO2024056955A1; FR3139895A1

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 NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
DE 102005023270 A1 20061123; AT E440682 T1 20090915; BR PI0608296 A2 20091208; CA 2598921 A1 20061123; CA 2598921 C 20140318; CN 101287558 A 20081015; CN 101287558 B 20100526; DE 502006004671 D1 20091008; EP 1899086 A1 20080319; EP 1899086 B1 20090826; ES 2328956 T3 20091119; JP 2008541074 A 20081120; RU 2007129432 A 20090210; RU 2364455 C2 20090820; UA 90295 C2 20100426; US 2008125298 A1 20080529; US 2011252848 A1 20111020; US 7971461 B2 20110705; WO 2006122817 A1 20061123

DOCDB simple family (application)
DE 102005023270 A 20050520; AT 06753734 T 20060519; BR PI0608296 A 20060519; CA 2598921 A 20060519; CN 200680001515 A 20060519; DE 502006004671 T 20060519; EP 06753734 A 20060519; EP 2006004753 W 20060519; ES 06753734 T 20060519; JP 2008510516 A 20060519; RU 2007129432 A 20060519; UA A200709475 A 20060519; US 201113134077 A 20110526; US 88605606 A 20060519