

Title (en)

METHOD AND DEVICE FOR ROLLING UP A METALLIC STRIP

Title (de)

VERFAHREN UND VORRICHTUNG ZUM AUFWICKELN EINES METALLISCHEN BANDES

Title (fr)

PROCÉDÉ ET DISPOSITIF POUR ENROULER UNE BANDE MÉTALLIQUE

Publication

EP 2038076 A1 20090325 (DE)

Application

EP 07725970 A 20070612

Priority

- EP 2007005157 W 20070612
- DE 102006029858 A 20060628

Abstract (en)

[origin: US2009184191A1] The invention relates to a method for rolling up a metallic strip (1), in particular a steel strip, to a coil (2), the strip (1) being kept under longitudinal tension between a driver (3), consisting of at least one driver top roll (4) and at least one driver bottom roll (5), and a winding pin (6). The strip (1) is rolled up on the winding pin (6) to form the coil (2). In order to prevent the undesired opening of the wound coil in a simple manner, a bending moment (MB) is initiated in the strip, said bending moment acting perpendicular to the longitudinal direction of the strip (1) and causing a plastic deformation when a defined remaining length of the strip (1) is reached. The invention also relates to a device for rolling up a metallic strip.

IPC 8 full level

B21C 47/04 (2006.01)

CPC (source: EP US)

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Citation (search report)

See references of WO 2008000348A1

Cited by

WO2016091855A1; RU2698955C1; CN107000011A; KR20170090474A; RU2665023C1; DE102015209462A1; DE102017212529A1; DE102017202909A1; WO2018082943A1; US10906078B2

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