

Title (en)

COILING DEVICE WITH ASYMMETRIC COOLING OF THE COILED STRIP

Title (de)

HASPELEINRICHTUNG MIT ASYMMETRISCHER KÜHLUNG DES GEHASPELTEN BANDES

Title (fr)

DISPOSITIF D'ENROULEMENT À REFRROIDISSEMENT ASYMÉTRIQUE DE LA BANDE ENROULÉE

Publication

EP 3261785 A1 20180103 (DE)

Application

EP 15813807 A 20151216

Priority

- EP 15156829 A 20150227
- EP 2015079996 W 20151216

Abstract (en)

[origin: WO2016134801A1] A rolled metal strip, in particular steel strip, is deflected by means of a driving roller unit from a first transporting direction into a second transporting direction and is fed to a coiler. In the coiler, the metal strip is coiled into a coil with a coil diameter. A plastic deformation of an end portion of the metal strip is brought about, so that in the unloaded state the end portion is curved with a radius of curvature. The plastic deformation of the end portion (8) is at least partially brought about by an asymmetric application of a cooling medium (21) to the sides of the end portion (8).

IPC 8 full level

B21B 45/02 (2006.01); **B21C 47/04** (2006.01)

CPC (source: CN EP RU US)

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Citation (search report)

See references of WO 2016134801A1

Designated contracting state (EPC)

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BA ME

DOCDB simple family (publication)

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