

Title (en)

METHOD FOR BRAKING A RUNNING METAL STRIP AND UNIT FOR CARRYING OUT THE METHOD

Title (de)

VERFAHREN ZUR ABBREMSUNG EINES LAUFENDEN METALLBANDES UND ANLAGE ZUR DURCHFÜHRUNG DES VERFAHRENS

Title (fr)

PROCEDE PERMETTANT DE FREINER UNE BANDE DE METAL EN MOUVEMENT ET INSTALLATION PERMETTANT LA MISE EN OEUVRE DUDIT PROCEDE

Publication

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Application

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Priority

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Abstract (en)

[origin: US7786693B2] The method and unit for braking a metal strip (1), running off a wind-out coiler (2.1) in the form of a coil (1.1) and running onto a wind-on coiler (2.2) again, are to guarantee that a surface of the metal strip remains undamaged and a full effective braking force is exerted on the metal strip (1) by means of an eddy current brake (3.1) with a rotating magnet system (3.2). The above is achieved, whereby the braking force is exerted on the metal strip (1) by means of an induced counter-torque against a support bearing (4) to one side in a non-contact manner, whereby the support bearing (4) may be embodied as a counter roller (4.1).

IPC 8 full level

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