

Title (en)

COOLING PROCESS AND DEVICE FOR A STEEL SHEET

Title (de)

KÜHLPROZESS UND -VORRICHTUNG FÜR EINE STAHLPLATTE

Title (fr)

PROCEDE ET DISPOSITIF DE REFROIDISSEMENT D'UNE BANDE D'ACIER

Publication

EP 1687455 A1 20060809 (FR)

Application

EP 04797129 A 20041125

Priority

- BE 2004000167 W 20041125
- EP 03447278 A 20031201
- EP 04797129 A 20041125

Abstract (en)

[origin: EP1538228A1] A cooling device for tempering during continuous annealing of a flat product or metal band, preferably a steel band where the device consists of a number of symmetrically arranged horizontal tubes (1) along the band (2) along which a coolant fluid is projected across a slot or a number of holes (cavities, sic). An independent claim is included for a method of tempering during continuous annealing of a flat product or metal band.

IPC 8 full level

C21D 9/573 (2006.01); **C21D 9/00** (2006.01); **C21D 9/56** (2006.01); **C21D 1/63** (2006.01); **C21D 1/667** (2006.01)

CPC (source: EP KR US)

C21D 9/00 (2013.01 - KR); **C21D 9/56** (2013.01 - KR); **C21D 9/573** (2013.01 - EP KR US); **C21D 9/5735** (2013.01 - EP US); **C21D 1/63** (2013.01 - EP US); **C21D 1/667** (2013.01 - EP US)

Designated contracting state (EPC)

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Designated extension state (EPC)

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DOCDB simple family (publication)

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