

Title (en)
Process and device for the rolling and annealing of a stainless steel sheet

Title (de)
Walz- und Glühverfahren für die Herstellung eines Bandes aus nichtrostendem Stahl und Vorrichtung zur Durchführung des Verfahrens

Title (fr)
Procédé et dispositif pour le laminage et le recuit d'une bande d'acier inoxydable

Publication
EP 1669465 A3 20070711 (FR)

Application
EP 05370037 A 20051123

Priority
FR 0413221 A 20041213

Abstract (en)
[origin: EP1669465A2] An annealing process of a stainless steel band, after exposure to at least one first rolling step, comprises heating under reducing atmosphere the stainless steel band, cooling the stainless steel band, and printing on its surface a roughness onto the stainless steel band. Independent claims are also included for: (A) an annealing device for implementing the inventive method, comprising a mechanism for heating under reducing atmosphere the stainless steel band, a mechanism for cooling the stainless steel band, and a rolling device for printing on the surface a roughness on the stainless steel band; and (B) use of the inventive annealing process in a rolling process such as an intermediate annealing process intended for softening the material and restoring the ductility of the stainless steel band, or in a rolling process such as a final annealing process.

IPC 8 full level
C21D 8/04 (2006.01); **B21B 1/22** (2006.01); **C21D 9/46** (2006.01); **C21D 9/48** (2006.01)

CPC (source: EP US)
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Citation (search report)
• [X] US 3556874 A 19710119 - MCCLAIN ROLLIN T
• [A] WO 9829205 A1 19980709 - J & L SPECIALTY STEEL INC [US]
• [A] EP 1099773 A1 20010516 - KAWASAKI STEEL CO [JP]
• [A] EP 1308532 A2 20030507 - KAWASAKI STEEL CO [JP]

Designated contracting state (EPC)
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AL BA HR MK YU

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