Title (en)
METHOD FOR PRODUCING A COLD ROLLED STRIP THAT IS COLD FORMED WITH LOW DEGREES OF DEFORMATION

Title (de)
VERFAHREN ZUM HERSTELLEN EINES BEI NIEDRIGEN VERFORMUNGSGRADEN KALTVERFORMTEN KALTBANDES

Title (fr)
PROCEDE DE FABRICATION D'UN FEUILLARD LAMINE A FROID, A DE FAIBLES DEGRES DE DEFORMATION

Publication
EP 1337673 A1 20030827 (DE)

Application
EP 01982469 A 20011108

Priority
• DE 10055338 A 20001108
• EP 0112910 W 20011108

Abstract (en)
[origin: DE10055338C1] Producing a cold strip comprises hot rolling a pre-material produced from a steel containing (in maximum weight %) 0.2 C, 1.0 Si, 1.0 Mn, 0.2 P, 0.2 S, 0.2 Al, 0.02 N, 0.2 Ti, 0.2 V, 0.2 Nb, 0.01 B and balance of Fe to form a hot strip; cold rolling the hot strip to form a cold strip; annealing at temperature lower than recrystallization temperature; cold deforming; and annealing the cold deformed cold strip by further annealing. The pre-material is a slab, thin slab or cast strip. Preferred Features: The steel is a hot steel and the first annealing temperature is 450-550 deg C. Cold deformation is carried out as flexible rolling.

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C21D 8/02

IPC 8 full level
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CPC (source: EP KR US)
C21D 8/02 (2013.01 - KR); **C21D 8/0236** (2013.01 - EP US); **C21D 8/0268** (2013.01 - EP US); **C21D 8/0273** (2013.01 - EP US)

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