Title (en)
Method for continuously producing, in a line, rolled sheet metal strip of stainless steel with improved surface condition

Title (de)
Verfahren zur kontinuierlichen Herstellung in einer Linie von einem aus nichtrostendem Stahl gewalzten Blechband mit verbessertem Oberflächenzustand

Title (fr)
Procédé d'élaboration, sur une ligne, en continu, d'une bande de tole laminée d'acier inoxydable présentant un état de surface améliorée

Publication
EP 0769333 B1 20020109 (FR)

Application
EP 96402086 A 19961001

Priority
FR 9512271 A 19951019

Abstract (en)
[origin: EP0769333A1] The hot rolled stainless steel strip is subjected to a continuous surface treatment process comprising flattening the surface whilst residually elongating the strip by 1-5% in order to crack the oxide coating, pickling to remove the oxide, cold rolling in a max. of three passes, final annealing, final pickling, and skin passing. Also claimed is the industrial line for carrying out the above process, with the pickling station being a spray or electrolytic-type process. In the latter the electrolyte is a neutral salt or phosphoric acid. The cold rolling appts. is at least three cages of multi-cylinders of dia. below 180, pref. below 150 mm.

IPC 1-7
B21B 45/06; B21B 1/28; C23G 3/02; C25F 7/00

IPC 8 full level
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CPC (source: EP KR US)
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EP0951954A1; FR2942978A1; CN101844151A; FR2792857A1; EP0927603A1; CN105132819A; US6463777B1; WO0066287A1; WO2012004205A1

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