

Title (en)

Process for manufacturing of cold-rolled steel strips or sheets having excellent formability

Title (de)

Verfahren zum Herstellen eines besonders gut verformbaren kaltgewalzten Stahlbands oder -blechs

Title (fr)

Procédé de fabrication de tôles ou de bandes d'acier laminées à froid ayant une excellente formabilité

Publication

EP 1411140 B1 20061025 (DE)

Application

EP 03018184 A 20030809

Priority

DE 10247998 A 20021015

Abstract (en)

[origin: EP1411140A1] Production of a steel strip or sheet comprises casting a steel melt into slabs or thin slabs, heating to at least 1000degrees C, hot rolling using a strip end speed of at least 10 m/s into a hot strip, coiling, cold rolling to form a cold strip, and recrystallization annealing. The steel melt contains (in wt.%) less than 0.1, less than 0.5 Mn, less than 0.03 P, less than 0.03 S, less than 0.1 Al, less than 0.01 N, less than 0.1 Ti, less than 0.05 Nb and less than 0.01 B with a balance of Fe and the usual impurities.

IPC 8 full level

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Cited by

CN104831207A; CN111996463A; CN109715838A; US11453923B2; WO2018054742A1

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