

Title (en)

Process for rolling wide hot strip in a compact strip production line

Title (de)

Verfahren zum Walzen von Warmband in einer CSP-Anlage

Title (fr)

Procédé pour le laminage de bandes larges à chaud dans une installation compacte de production de bandes

Publication

EP 0885974 B1 20010829 (DE)

Application

EP 98110734 A 19980612

Priority

DE 19725434 A 19970616

Abstract (en)

[origin: EP0885974A1] The method concerns hot rolling of a broad strip out of a continuously cast thin slab (13) of a ferritic-pearlitic micro-alloyed steel, in a CSP (compact strip production) installation. Optimal mechanical properties of the strip are attained through a controlled structure development by rolling in the CSP installation with roll stands (4-10). The specified forming conditions at the first roll stand (4) are set so that recrystallisation of the cast structure takes place during and/or immediately after the first forming stage. There is a sufficient distance between the roll stands (4) and (6), so that recrystallisation is completed before the second forming stage.

IPC 1-7

C21D 8/02; B21B 1/26

IPC 8 full level

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CPC (source: EP US)

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Cited by

CN106244921A; EP1958711A1; WO2011076544A3; WO2011015365A1; WO2008098709A1; WO02074460A1; US7213432B2; WO2006094718A1; WO03013750A3

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