

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)

**B21B 1/26** (2013.01 - EP US); **C21D 8/0215** (2013.01 - EP US); **C21D 8/0226** (2013.01 - EP US); **B21B 1/466** (2013.01 - EP US); **B21B 37/74** (2013.01 - EP US); **B21B 37/76** (2013.01 - EP US); **B21B 39/006** (2013.01 - EP US); **B21B 2013/003** (2013.01 - EP US); **B21B 2201/06** (2013.01 - EP US)

Cited by

CN106244921A; EP1958711A1; WO2011076544A3; WO2011015365A1; WO2008098709A1; WO202074460A1; US7213432B2; WO2006094718A1; WO03013750A3

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**EP 0885974 A1 19981223**; **EP 0885974 B1 20010829**; AR 012993 A1 20001122; AT E204916 T1 20010915; BR 9801994 A 19991013; CN 1123403 C 20031008; CN 1207965 A 19990217; DE 19725434 A1 19981224; DE 19725434 C2 19990819; DE 59801289 D1 20011004; EG 21540 A 20011128; ES 2163830 T3 20020201; JP 4208101 B2 20090114; JP H1177102 A 19990323; US 6030470 A 20000229

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