

Title (en)

Method for producing hot strip of 0.5 mm thickness in a hot strip mill

Title (de)

Verfahren zur Herstellung von 0.5 mm dicken Warmband in einer Warmbandstrasse

Title (fr)

Méthode pour produire des bandes à chaud de 0.5 mm d'épaisseur dans un train

Publication

**EP 0893168 B1 20020522 (DE)**

Application

**EP 98250221 A 19980618**

Priority

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- DE 19749716 A 19971031

Abstract (en)

[origin: EP0893168A2] Production of a hot rolled strip with a final thickness below 1 mm out of a cast strip in successive steps is claimed, in which the solidified strip from the casting installation (2, 2') is cut into lengths and is heated in run-through furnaces (4, 4') to its rolling temperature. After descaling the cast strip with a maximum thickness of 90 mm is rolled in a reversing mode in the tandem roll stand group (7). After the first and second pass it is coiled/uncoiled in furnaces (8, 9). After the third pass the strip is coiled for intermediate storage in a coiling unit (10) with two furnaces arranged on top of one another. Simultaneously with coiling of one strip segment, another segment is uncoiled and welded to the end of a previously uncoiled segment in a welding machine (12). The endless strip thus produced passes through another storage unit (13) into a finish rolling section (15).

IPC 1-7

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IPC 8 full level

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CPC (source: EP US)

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