

Title (en)

Production of hot-rolled strip from a continuously cast material.

Title (de)

Verfahren und Anlage zum Herstellen von warmgewalztem Band aus stranggegossenem Vormaterial.

Title (fr)

Production de bandes laminées à chaud à partir d'ébauches coulées en continu.

Publication

EP 0321733 A1 19890628 (DE)

Application

EP 88119749 A 19881126

Priority

DE 3743057 A 19871218

Abstract (en)

To simplify the handling of a coil (12) of continuously cast feed- stock (10) of a type suitable for coiling, it is proposed that the coil (12) be uncoiled from the same point (5) at which it was coiled, without a change of location. For this purpose, it is possible to use either a single coiling apparatus (5) with an upstream buffer section (3) or two coiling apparatuses offset vertically relative to one another. <IMAGE>

Abstract (de)

Zur Vereinfachung der Handhabung eines Bundes (12) aus wickelbarem stranggegossenen Vormaterial (10) wird vorgeschlagen, das Bund (12) ohne Ortswechsel von derselben Stelle (5) abzuwickeln, an der es aufgewickelt worden ist. Hierzu können einerseits eine einzige Wickelvorrichtung (5) mit einer vorgeschalteten Pufferstrecke (3) oder andererseits zwei zueinander höhenversetzte Wickelvorrichtungen vorgesehen sein.

IPC 1-7

B21B 1/46; B22D 11/128

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

- [X] EP 0177187 A1 19860409 - TIPPINS MACH [US]
- [A] GB 1373376 A 19741113 - CANADA STEEL CO
- [A] GB 2036621 A 19800702 - DAVY LOEWY LTD
- [A] DE 976842 C 19640604 - KOCKS GMBH FRIEDRICH
- [A] US 4384468 A 19830524 - GINZBURG VLADIMIR B
- [A] GB 2129723 A 19840523 - MANNESMANN AG
- [X] PATENT ABSTRACTS OF JAPAN, Band 11, Nr. 128 (M-583)[2575], 22. April 1987; & JP-A-61 269 904 (NIPPON KOKAN K.K.) 29-11-1986
- [AD] STAHL- UND EISEN, Band 103, Nr. 7, 11. April 1983, Seiten 295-300; H.-G. H]SKEN et al.: "Einsatz der Coilbox in der Warmbreitbandstrasse der Krupp Stahl AG"

Cited by

EP0647485A1; EP0916415A4; EP1657004A1; EP0659503A3; CN1048434C; AT405028B; US6134934A; GB2303691A; GB2303691B; DE19680225C1; EP0904861A1; EP0576890A1; US5433264A; WO9632509A1; WO2006046266A1; WO9429042A1

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