

Title (en)

Strip casting installation with a following multiple stand continuous rolling mill

Title (de)

Bandgiessanlage mit nachgeordnetem mehrgerüstigen Kontiwalzwerk

Title (fr)

Installation de coulée en bande avec un laminoir continu à plusieurs cages placé en aval

Publication

EP 0266564 B2 19990707 (DE)

Application

EP 87114449 A 19871003

Priority

DE 3637893 A 19861106

Abstract (en)

[origin: US4817703A] A process and apparatus for making hot-rolled steel strip from a striplike continuously cast starting material uses successive processing steps in which the striplike cast starting material after solidification is brought to the hot rolling temperature and fed to a multi-stand rolling mill for rolling to the finished rolled product. A continuous casting unit supplies the multi-stand rolling mill. The rolling to the finished rolled product occurs continuously in three or four roll stands to achieve the largest possible reduction per pass. The first two roll stands operate with an approximately maximum rolling moment and a large working roll diameter.

IPC 1-7

B21B 1/46

IPC 8 full level

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CPC (source: EP KR US)

B21B 1/26 (2013.01 - EP US); **B21B 1/466** (2013.01 - EP US); **B22D 11/12** (2013.01 - KR); **B21B 45/004** (2013.01 - EP US); **Y10T 29/49991** (2015.01 - EP US)

Cited by

CN102814323A; EP0947590A1; EP0885974A1; EP0611610A1; EP0853987A3; CN1103647C; EP0615793A3; US5636543A; EP0369555A3; US8365806B2; DE102008020412A1; WO9736699A1

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EP 87114449 A 19871003; AT 87114449 T 19871003; BR 8705955 A 19871105; CA 551190 A 19871106; CN 87107665 A 19871103; DD 30842687 A 19871030; DE 3637893 A 19861106; DE 3777954 T 19871003; ES 87114449 T 19871003; GR 920400611 T 19920402; IN 778MA1987 A 19871027; JP 27843787 A 19871105; KR 870012228 A 19871102; LT IP1769 A 19940113; LV 930520 A 19930608; MX 908987 A 19871030; SU 4203574 A 19871102; US 11858487 A 19871106; ZA 877350 A 19870930