

Title (en)

PERMANENT MOULD FOR CONTINUOUS CASTING OF PRELIMINARY SECTIONS FOR BEAM ROLLING

Publication

EP 0297258 A3 19900117 (DE)

Application

EP 88107714 A 19880513

Priority

DE 3721266 A 19870627

Abstract (en)

[origin: JPS6422451A] PURPOSE: To enable the adjustment of a web height, web thickness and flange thickness of a preform body for rolling a beam by arranging straight-end range and curving end range to the outside in each side wall of a mold and enabling the adjustment of the side walls in the horizontal direction to casting direction. CONSTITUTION: The mold is formed of two side walls 1, 2 and two end walls 3, 4 arranged between these side walls 1, 2. In order to form a casting chamber for preform body 5 to roll the beam, the side walls 1, 2 have the curving end ranges and the straight end ranges. These end ranges are arranged in the reverse direction and the chamber for flanges 6, 7 of the preform body 5 is formed together with the end walls 3, 4 arranged between these side walls. The side walls 1, 2 of the mold are mutually paralleled and can adjust in the horizontal direction to the casting direction along the directions of the arrow marks 17, 18. By this constitution, the height of the web 9 in the preform body 5 can be changed.

IPC 1-7

B22D 11/04

IPC 8 full level

B22D 11/00 (2006.01); **B22D 11/04** (2006.01); **B22D 11/05** (2006.01)

CPC (source: EP US)

B22D 11/0406 (2013.01 - EP US)

Citation (search report)

- [A] DE 1925186 A1 19700326 - CONCAST INC
- [A] US 3416222 A 19681217 - JOHN PEARSON
- [AD] DE 2218408 A1 19731025 - ORICHEL ALBERT
- [A] PATENT ABSTRACTS OF JAPAN, Band 9, Nr 128 (M-384)(1851), 4 Juli 1985; & JP- A-60012257 (SHIN NIPPON SEITETSU K.K.) 22.01.1985

Cited by

US7427526B2; EP0563551A1; DE3709188A1; US7309620B2; US5082746A; EP0478741A4; CN1083307C; TR28532A

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DOCDB simple family (application)

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