

Title (en)

APPARATUS AND METHOD FOR GUIDING CONTINUOUSLY CAST SECTIONS

Publication

EP 0219803 A3 19870902 (EN)

Application

EP 86114212 A 19861014

Priority

- JP 10401186 A 19860506
- JP 23009185 A 19851015

Abstract (en)

[origin: EP0219803A2] A continuously cast strand guiding apparatus (4) comprises plural sets of walking bars (16, 17) that are paired opposite to each other on both sides of a cast strand, movable along and across the travel line of the cast strand and driven forward by the cast strand integrally therewith while the cast strand is being gripped thereby, a reciprocating device (41, 42) that causes each set of the paired gripping means to integrally make an approach run from the standby position to the starting point where the cast strand is gripped for guiding and alternately move back and forth along the travel line so that one set moves forward from said starting point to the terminal point while the other set moves backward from the terminal point to the starting point, and a compressing device that applies a gripping force to the walking-bars so that the cast strand is gripped at the starting point and released at the terminal point, each set of walking-bars is independently pressed toward the cast strand at an equal point relative to the travel direction of the cast strand, and each set of walking-bars grip the cast strand for an overlapped period of time.

IPC 1-7

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IPC 8 full level

B22D 11/128 (2006.01); **B22D 11/20** (2006.01)

CPC (source: EP)

B22D 11/1288 (2013.01); **B22D 11/20** (2013.01)

Citation (search report)

- [A] DE 2618746 A1 19761111 - VOEST AG
- [A] DE 3407391 A1 19840906 - CONTINUA INT [IT]
- [AD] PATENT ABSTRACTS OF JAPAN, vol. 6, no. 14 (M-108), 19th January 1982, page 103 M 108; & JP - A - 56 134 055 (KOBE SEIKOSHO) 20-10-1981
- [APD] PATENT ABSTRACTS OF JAPAN, vol. 10, no. 204 (M-499)[2260], 17th July 1986; & JP - A - 61 046360 (NIPPON STEEL CORP.) 06-03-1986

Cited by

EP0354764A3; US5083604A

Designated contracting state (EPC)

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