

Title (en)

INSTALLATION WITH A FURNACE FOR STRAND PIECES CUT TO MEASURE IN A CONTINUOUS-CASTING PLANT

Publication

**EP 0165586 A3 19860903 (DE)**

Application

**EP 85107487 A 19850618**

Priority

DE 3422922 A 19840620

Abstract (en)

[origin: US4586897A] In an installation including a heating furnace in the rolling mill and a continuous casting apparatus, there is provided a transportable temperature holding chamber for the castings which are cut to length, in which chamber the castings are transported in groups from the continuous casting apparatus to the heating furnace, and are stored temporarily in the buffer mode. That makes it possible to save energy and to improve the quality of the steels.

IPC 1-7

**B22D 11/12**; **B22D 11/14**; **B21B 1/46**; **F27B 9/02**; **F27B 9/20**; **F27B 9/22**; **F27D 7/06**

IPC 8 full level

**B21B 1/46** (2006.01); **B22D 11/12** (2006.01); **C21D 9/00** (2006.01); **F27B 9/02** (2006.01); **F27B 9/12** (2006.01); **F27B 9/22** (2006.01); **F27B 9/38** (2006.01); **F27D 23/00** (2006.01); **F27D 99/00** (2010.01)

CPC (source: EP US)

**B21B 1/466** (2013.01 - EP US); **C21D 9/0081** (2013.01 - EP US); **F27B 9/028** (2013.01 - EP US); **F27B 9/12** (2013.01 - EP US); **F27B 9/22** (2013.01 - EP US); **F27B 9/38** (2013.01 - EP US); **F27D 2099/0098** (2013.01 - EP US); **F27M 2001/1552** (2013.01 - EP US)

Citation (search report)

- [A] US 4217095 A 19800812 - TOKITSU TETSUYA [JP]
- [AD] DE 2706345 A1 19780817 - MANNESMANN AG
- [AD] DE 1189575 C
- [AD] DE 2436334 C2 19890810

Cited by

EP0438066A3; DE4121489A1; AT399672B

Designated contracting state (EPC)

AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)

**DE 3422922 C1 19850620**; EP 0165586 A2 19851227; EP 0165586 A3 19860903; JP S6119736 A 19860128; US 4586897 A 19860506

DOCDB simple family (application)

**DE 3422922 A 19840620**; EP 85107487 A 19850618; JP 13210985 A 19850619; US 74364185 A 19850611