

Title (en)

LADLE STAND FOR TREATING MOLTEN METAL

Publication

**EP 0223769 B1 19890301 (DE)**

Application

**EP 86890313 A 19861113**

Priority

AT 339485 A 19851121

Abstract (en)

[origin: US4718645A] A ladle stand for treating molten metal includes a vertically liftable and lowerable lance carrying car arranged above a ladle placed in the treatment position. On the car, a reservoir for a treating agent is arranged and adapted to communicate with a cavity of the lance. The lance carrying car is movable to a lance exchange station laterally of the deposited ladle. In order to move the lance carrying car between the deposited ladle and the lance exchange station in a simple manner and with rather low structural expenditures, by ensuring a troublefree lance exchange without manual operations, a stationary vertical rail guide for the lance carrying car is each provided above the ladle placed in the treatment position and above the lance exchange station. A carriage accommodating the lance carrying car is displaceable between the upper ends of the two rail guides. The lance carrying car is equipped with a lance manipulator to hold and release a lance.

IPC 1-7

**C21C 7/00**; **C21C 5/46**

IPC 8 full level

**C21C 1/02** (2006.01); **C21C 5/46** (2006.01); **C21C 7/00** (2006.01)

CPC (source: EP KR US)

**C21C 1/02** (2013.01 - EP US); **C21C 5/4613** (2013.01 - EP US); **C21C 5/462** (2013.01 - EP US); **C21C 7/00** (2013.01 - KR); **C21C 7/0037** (2013.01 - EP US)

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