

Title (en)

Device for coupling a metallurgical ladle to the gas supply

Title (de)

Vorrichtung zum Ankoppeln einer metallurgischen Pfanne an die Gasversorgung

Title (fr)

Dispositif d'accouplement d'une poche métallurgique à un réseau de gaz

Publication

EP 0320841 B2 19980311 (FR)

Application

EP 88120707 A 19881212

Priority

LU 87082 A 19871218

Abstract (en)

[origin: US4883259A] An apparatus for coupling a metallurgical ladle to a gas supply is presented wherein gas is used for the treatment of molten metal contained in the ladle. The gas is injected through the bottom of the ladle into the liquid metal. The ladle rests on a support located at a treatment station. The apparatus comprises a base mounted on the bottom of the ladle support in a manner as to be slidable in two directions at right angles to one another against the action of springs. The apparatus is provided with a male connection head which has an axial through passage that communicates with the gas supply. This apparatus also includes a foot fixed on the ladle which is provided with a female connection member for engagement on the connection head when the ladle is placed in its support.

IPC 1-7

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IPC 8 full level

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CPC (source: EP US)

B22D 1/005 (2013.01 - EP US); **C21C 5/462** (2013.01 - EP US)

Cited by

FR2694511A1; EP0537536A1; EP0666324A1; US5520374A; EP0729797A1; US5823221A; AU707100B2; WO9929912A1

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