

Title (en)

An arrangement for supplying media to a blowing lance.

Title (de)

Einrichtung zur Medienversorgung an einer Blaslanze.

Title (fr)

Dispositif d'alimentation des milieux à une lance de soufflage.

Publication

**EP 0441767 B1 19950111 (DE)**

Application

**EP 91890013 A 19910128**

Priority

- AT 4291 A 19910110
- AT 21690 A 19900201

Abstract (en)

[origin: US5090622A] In an arrangement for supplying media to a blowing lance for a metallurgical vessel including a blowing lance arranged on a lance carrier, a connection piece of the lance carrier connected to at least one media supply duct is pressable at a counter connection piece of the blowing lance such that the media supply duct is sealingly connectable to a corresponding medium channel of the blowing lance. In order to ensure the tight connection between blowing lance and lance carrier in a simple manner and without manual manipulations, a displacement means including a seat for the blowing lance is provided on the lance carrier to move the counter connection piece from a released position into a coupled position and vice versa. The displacement means is movable by a driving device, which presses the counter connection piece against the connection piece in the coupled position, selflockingly and positively fixing the displacement means in the coupled position.

IPC 1-7

**C21C 5/46**

IPC 8 full level

**C21C 5/46** (2006.01)

CPC (source: EP US)

**C21C 5/462** (2013.01 - EP US)

Citation (examination)

US 3556501 A 19710119 - SKRZIPCZYK HEINRICH, et al

Cited by

EP0552440A3; DE4240666C1; DE102012016045B3; EP0553432A1; US5333842A; DE19541199C1; US6022507A; DE19541199C2; DE102016223722B4; WO9717474A1

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