

Title (en)

Installation for injecting materials into a steel melt.

Title (de)

Vorrichtung zum Einblasen von Substanzen in eine Stahlschmelze.

Title (fr)

Dispositif pour injecter des matières dans un bain d'acier.

Publication

**EP 0056944 A2 19820804 (DE)**

Application

**EP 82100134 A 19820111**

Priority

LU 83090 A 19810126

Abstract (en)

1. Apparatus for holding and guiding an immersion lance through which products are introduced into a steel melt by means of a carrier gas characterized by the fact that the apparatus has two arms (4, 5) flexibly interconnected by a shaft (15g) as well as two guide arms (6, 7) parallel to the arms (4, 5) a central bracket (3), an immersion lance mounting support (11) and a device (13) for raising and lowering the two arms (4, 5) with the immersion lance (2), acting on one of the guide arms (7), the two arms (4, 5) being connected, at their respective ends opposite to said shaft (15g) and via a shaft (15b) and a shaft (15j) respectively, to the bracket (3) and to the lance mounting support (11) respectively.

Abstract (de)

Um eine schwingungsfreie Führung einer Tauchlanze beim Einführen in eine Stahlpfanne zu gewährleisten ist eine pantographenähnliche Halterungs- und Führungsvorrichtung vorgeschlagen, welche aus drei gelenkig miteinander verbundenen Parallelogrammen (5, 10) (9, 4) (4, 7) besteht die auf einer drehbaren Konsole (3) angeordnet sind und über einen Hydraulikzylinder in einer vertikalen Ebene schwenkbar sind.

IPC 1-7

**C21C 5/46**; **C21C 7/00**; **F27D 3/18**

IPC 8 full level

**C21C 5/46** (2006.01); **C21C 7/00** (2006.01); **F27D 3/18** (2006.01)

CPC (source: EP)

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