

Title (en)

Blast furnace tapping apparatus by withdrawing the tapping bar.

Title (de)

Abstichmaschine für Hochöfen durch Ausziehen der Bohrstange.

Title (fr)

Dispositif de débouchage de haut-fourneau par extraction de barre.

Publication

**EP 0122844 A1 19841024 (FR)**

Application

**EP 84400663 A 19840404**

Priority

FR 8305962 A 19830412

Abstract (en)

1. Device for extracting a bar (8) of the type comprising : a frame (10) means (18, 14) for securing the frame on a supporting machine movable at least in the two directions (31, 32) of the axis of the bar (8), means (12) for wedging in the bar (8), comprising a hole (24) to allow the bar through, said hole being formed in a pivotal part (12, 33) hinged on a pin (22) of the frame (10), characterized in that the hole (24) has a set diameter greater than that of the bar (8), and the mobility of the securing means (18, 24) cooperates with the pivotal wedging means (12) in order to wedge the bar (8) in position by relative pivoting movement of the hole (24) with respect to the bar (8).

Abstract (fr)

Le dispositif (8) comprend: un bâti (10), un moyen de fixation (11) du bâti sur une machine de support, un moyen de coincement (12) comportant un trou (24) de diamètre supérieur à celui de la barre (8), formé dans une pièce basculante (23) articulée sur un axe (22) du bâti (10). Le dispositif s'adapte au nez de la machine à boucher prévue pour le haut-fourneau (6).

IPC 1-7

**C21B 7/12**

IPC 8 full level

**C21B 7/12** (2006.01)

CPC (source: EP)

**C21B 7/12** (2013.01)

Citation (search report)

- [A] EP 0064644 A1 19821117 - WURTH PAUL SA [LU]
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- [A] PATENTS ABSTRACTS OF JAPAN, vol. 1, no. 96, 30 août 1977, page 2551M77; & JP-A-52 036 854 (SAKURA KOGYO K.K.) 22-03-1977

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