

Title (en)
POURING TUBE INSERTION AND REPLACEMENT DEVICE.

Title (de)
ZUFUHR- UND AUSTAUSCHVORRICHTUNG EINES TAUCHROHRES.

Title (fr)
DISPOSITIF D'AMENEE ET D'ECHANGE D'UN TUBE DE COULEE.

Publication
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Application
EP 91911206 A 19910620

Priority

- BE 9000039 W 19900704
- BE 9100039 W 19910620

Abstract (en)
[origin: WO9200822A1] A device (1) for inserting and replacing an insertable pouring tube (2) having a movable plate (3) and sliding on guide rails (9), which transmit thrust upwards, comprises a tilting member (20) which engages a lever (26) to impart a tilting motion to the movable plate (3) about a horizontal front edge thereof which engages a sealing area surrounding the pouring opening of a reference plate. This tilting motion makes the movable plate (3) completely parallel with the underside of the upper reference plate (6), improves the sealing contact between the two plates and prevents any infiltration of metal therebetween.

Abstract (fr)
Le dispositif d'amenée et d'échange (1) selon l'invention d'un tube de coulée (2) rapporté à plaque mobile (3) coulissant sur des rails-guides (9) aptes à transmettre un effort de poussée vers le haut comprend un culbuteur (20) actionnant un levier (26) de manière à conférer à la plaque mobile (3) un mouvement de basculement autour d'une arête frontale horizontale de la plaque mobile engagée dans la zone d'étanchéité entourant un orifice de coulée dans une plaque de référence. Ce mouvement de basculement rend la plaque mobile (3) strictement parallèle à la face inférieure de la plaque supérieure de référence (6), améliore l'étanchéité du contact des deux plaques et empêche toute infiltration de métal entre les deux plaques.

IPC 1-7
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IPC 8 full level
B22D 41/56 (2006.01); **B22D 11/10** (2006.01); **B22D 41/22** (2006.01); **B22D 41/38** (2006.01)

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