

Title (en)

Molten iron pocket wagon with continuous weighing.

Title (de)

Flüssigguss-Kübeltransportwagen mit durchgehendem Wägen.

Title (fr)

Wagon-poche à pesage continu.

Publication

EP 0093660 A1 19831109 (FR)

Application

EP 83400844 A 19830428

Priority

FR 8207385 A 19820429

Abstract (en)

1. Ladle truck intended for transporting liquid cast iron and equipped with at least one device (9) supporting the ladle (1) at each of its two ends, characterised in that the said device consists of a jack (9) with a vertical piston (12) possessing, relative to its vertical body (11), sufficient play (j) to allow it to execute swivel movements, and in that it is equipped with a device (17) for weighing the ladle by measuring the pressure of the fluid (15) contained in this jack.

Abstract (fr)

Wagon-poche destiné au transport de la fonte liquide et muni d'au moins un dispositif de support de la poche à chacune de ses extrémités. Au moins un des dispositifs de support est constitué par un vérin à piston vertical (12) présentant, par rapport à son corps vertical (11) un jeu (j) suffisant pour lui permettre d'effectuer des mouvements de rotule, et il est en outre équipé d'un dispositif (17) de mesure de la pression du fluide (15) contenu dans ce vérin.

IPC 1-7

B22D 41/12; G01G 19/08; B61D 5/06

IPC 8 full level

B22D 41/12 (2006.01)

CPC (source: EP)

B22D 41/12 (2013.01)

Citation (search report)

- [A] DE 1913527 A1 19691030 - VOEST AG
- [A] FR 2241436 A1 19750321 - CREUSOT LOIRE [FR]
- [A] US 2663562 A 19531222 - HUGO HENDRICKSON
- [A] DE 3040797 A1 19810514 - VOEST ALPINE AG [AT]
- [A] REVUE GENERALE DES CHEMINS DE FER, no. 82, mars 1963, pages 178-179, FR.

Cited by

CN112375867A; EP0273813A1; FR2607925A1

Designated contracting state (EPC)

BE DE FR GB IT LU SE

DOCDB simple family (publication)

EP 0093660 A1 19831109; **EP 0093660 B1 19850911**; DE 3360772 D1 19851017; FR 2525982 A1 19831104; FR 2525982 B1 19840601

DOCDB simple family (application)

EP 83400844 A 19830428; DE 3360772 T 19830428; FR 8207385 A 19820429