

Title (en)

TOOL-BEARING CARRIAGE, IN PARTICULAR MOBILE IN A PIPE

Title (de)

WAGEN ZUM TRAGEN VON WEKZEUGEN, INSBESONDERE IN EINER KANALISATION

Title (fr)

CHARIOT PORTE-OUTIL, NOTAMMENT MOBILE DANS UNE CANALISATION

Publication

**EP 1409907 A1 20040421 (FR)**

Application

**EP 02740855 A 20020604**

Priority

- FR 0201874 W 20020604
- FR 0107367 A 20010606

Abstract (en)

[origin: FR2825655A1] A trolley (5) has a drum (9) actuating an arm (10) which can adopt supple and rigid positions and has an implement (12) connected to it via an articulated joint (17). The drum can be rotated about the trolley's lengthwise axis, deploying the arm beyond it and in a lateral direction. The tool is connected to a flexible seal, and its support (11), which has a conical recess for a matching tool shank, has spring-loaded claws for gripping a surrounding structure. The rigidity of the arm is produced by one or two lateral chains which are rigid in one direction.

IPC 1-7

**F16L 1/00**

IPC 8 full level

**A61M 39/00** (2006.01); **B08B 9/049** (2006.01); **B25J 5/00** (2006.01); **B25J 18/02** (2006.01); **B25J 18/06** (2006.01); **E03F 7/12** (2006.01); **F16L 55/26** (2006.01); **G01M 3/00** (2006.01)

CPC (source: EP US)

**B25J 18/06** (2013.01 - EP US); **E03F 7/12** (2013.01 - EP US); **F16L 55/265** (2013.01 - EP US); **G01M 3/005** (2013.01 - EP US); **Y10T 74/20323** (2015.01 - EP US)

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**FR 2825655 A1 20021213**; **FR 2825655 B1 20030905**; EP 1409907 A1 20040421; JP 2004528189 A 20040916; US 2004149066 A1 20040805; WO 02099325 A1 20021212; WO 02099325 A8 20030109

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