

Title (en)

DEVICE FOR MOVING A GAS CYLINDER OR CARBOY

Title (de)

VORRICHTUNG ZUR BEWEGUNG EINES GASZYLINDERS ODER EINER GASFLASCHE

Title (fr)

DISPOSITIF DE DEPLACEMENT DE BOMBONNE OU BOUTEILLE DE GAZ

Publication

EP 1968873 A1 20080917 (FR)

Application

EP 06794524 A 20060803

Priority

- FR 2006050783 W 20060803
- FR 0552450 A 20050805

Abstract (en)

[origin: WO2007017611A1] The invention relates to a device (1) for moving gas cylinders or carboys. The invention comprises means (3) for storing the gas cylinders in the form of a rack which is mounted to transport means (40) and means (6) for loading and unloading the cylinders that are stored in the rack. The invention is characterised in that (i) the rack can be removed such that it can be moved from the transport means (40) to a storage area (5) and (ii) the loading/unloading means (6) can move in a movement area (7) such as to deliver the carboys stored in the rack automatically from the storage area (5) to a delivery area (8), said means (6) comprising an articulated arm which is equipped with means for gripping the cylinders in the rack and which is mounted to the movement means with at least one degree of freedom.

IPC 8 full level

B65G 65/00 (2006.01)

CPC (source: EP)

B65G 65/00 (2013.01); **F17C 13/084** (2013.01); **F17C 2201/0109** (2013.01); **F17C 2201/032** (2013.01); **F17C 2201/056** (2013.01); **F17C 2205/0107** (2013.01); **F17C 2205/013** (2013.01); **F17C 2221/035** (2013.01); **F17C 2223/0153** (2013.01); **F17C 2270/0168** (2013.01)

Citation (search report)

See references of WO 2007017611A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

FR 2889511 A1 20070209; FR 2889511 B1 20081031; EP 1968873 A1 20080917; WO 2007017611 A1 20070215

DOCDB simple family (application)

FR 0552450 A 20050805; EP 06794524 A 20060803; FR 2006050783 W 20060803