

Title (en)

Remote-control self-clamping device for gripping cylindrical barrels.

Title (de)

Fernbediente selbstklemmende Greifvorrichtung für zylindrische Fässer.

Title (fr)

Dispositif de préhension autoserrant à distance de fûts cylindriques.

Publication

EP 0402231 A1 19901212 (FR)

Application

EP 90401510 A 19900605

Priority

FR 8907598 A 19890608

Abstract (en)

The invention allows the remote gripping and releasing of cylindrical barrels, for the purpose of taking them into storage areas with difficult access. It comprises at least two clamping assemblies each formed from an external jaw (10) and an internal jaw (20) sliding with respect to each other horizontally in order to grip the rim (4) of the barrel (2). Their respective movements are controlled by the raising and the lowering of a jack (14) by means of a connecting-rod assembly (12). The rod (16) of the jack (14) has a stop piece (22) preventing any untimely closure of the device when it is in the open position. Locking in the open position is provided pneumatically, the unlocking being provided by way of a spring (34) placed inside the rod (16). Application to the handling of barrels containing irradiated materials. <IMAGE>

IPC 1-7

B66C 1/62; G21F 5/00

IPC 8 full level

B66C 1/62 (2006.01)

CPC (source: EP)

B66C 1/625 (2013.01)

Citation (search report)

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Designated contracting state (EPC)

BE DE ES GB IT

DOCDB simple family (publication)

EP 0402231 A1 19901212; FR 2648121 A1 19901214; FR 2648121 B1 19910830

DOCDB simple family (application)

EP 90401510 A 19900605; FR 8907598 A 19890608