

Title (en)
TRANSPORTING AND/OR MANIPULATING DEVICE FOR CONTAINERS OR THE LIKE

Publication
EP 0379897 B1 19930407 (DE)

Application
EP 90100512 A 19900111

Priority
DE 3902177 A 19890125

Abstract (en)
[origin: EP0379897A1] A transporting and/or manipulating device for containers has several coupling claws and locking pieces interacting with these coupling claws roughly like pincers. So that containers of all types, in particular large containers, can be manipulated, loaded and transported in a simple manner, two coupling claws (14) are arranged on a cross member (13) of a lifting slide. The cross member (13) carrying the coupling claws (14) is guided in a longitudinally displaceable manner in vertical guides (11) of the lifting slide and can be moved by a pressure-medium piston/cylinder unit. In its lower area below the cross member (13), the lifting slide is provided with at least one fork (20) or supporting plate reaching beneath the base (33) of the container (30) and can be moved in guides of the vertical members (9) of the lifting frame by a drive. <IMAGE>

IPC 1-7
B65F 1/14; **B66F 9/18**

IPC 8 full level
B65F 1/12 (2006.01); **B65F 1/14** (2006.01); **B65F 3/08** (2006.01); **B66F 9/18** (2006.01); **B65F 3/02** (2006.01)

CPC (source: EP US)
B65F 1/122 (2013.01 - EP US); **B65F 3/08** (2013.01 - EP US); **B66F 9/186** (2013.01 - EP US); **B65F 2003/024** (2013.01 - EP US)

Cited by
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