

Title (en)
DRIVING ELEMENT FOR HANDLING DEVICES

Publication
EP 0101573 B1 19860108 (DE)

Application
EP 83107357 A 19830727

Priority
DE 3231209 A 19820821

Abstract (en)
[origin: EP0101573A1] 1. Driving device for an one axle manipulator with an adjustment piston shiftable in a pressure cylinder by compressed air in both directions, by means of which piston directly or via intermediate parts a tool adjustable in height, for example a spray gun, is gearably connected, characterised in that both of the pressure chambers (5, 6) adjoined to the adjustment piston (3) in order to equalize the weight power (arrow 8) acting against the adjustment piston are permanently applied to compressed air of different pressure, that both of the pressure chambers (5, 6) via preferably adjustable throttles (19, 21) connectable via control valves (18, 20) are mutually vented and that in order to accelerate leading out the compressed air from the vented pressure chamber (6) when lifting the tool (4), to the pressure chamber a vent valve (22) is connected opened during an adjustable time.

IPC 1-7
F15B 11/06; B05B 15/10; B05B 12/00

IPC 8 full level
B05B 12/00 (2018.01); **B05B 15/10** (2006.01); **F15B 11/06** (2006.01)

CPC (source: EP US)
B05B 12/00 (2013.01 - EP US)

Cited by
US6205336B1

Designated contracting state (EPC)
AT CH FR GB LI

DOCDB simple family (publication)
EP 0101573 A1 19840229; **EP 0101573 B1 19860108**; AT E17390 T1 19860115; DE 3231209 A1 19840223

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EP 83107357 A 19830727; AT 83107357 T 19830727; DE 3231209 A 19820821