

Title (en)
HYDRAULIC DRIVER FOR A SHUTTLE

Publication
EP 0054844 B1 19840606 (DE)

Application
EP 81110296 A 19811210

Priority
• DE 3048760 A 19801223
• DE 3125820 A 19810701

Abstract (en)
[origin: EP0054844A1] 1. Hydraulically operated drive apparatus for weaving shuttles, having hydraulic cylinders arranged one at each side on the slay, having a piston arranged displaceably in the hydraulic cylinder, and a control unit in each case which is connected to the hydraulic cylinder and which has control valves, characterized in that each hydraulic cylinder (1) is of double-acting type, and three control valves are provided in each case of which one (PA) is situated in the pressure medium supply conduit (P) to the cylinder chamber which does not have the piston rod, one (TA) is situated before the return flow tank (T), and one (AB) is connected to the side (B) of the hydraulic cylinder (1) which has the piston rod, and a connecting conduit (VL) connects all three valves to one another and to the cylinder chamber which does not have the piston rod.

IPC 1-7
D03D 49/42

IPC 8 full level
D03D 49/42 (2006.01)

CPC (source: EP)
D03D 49/42 (2013.01)

Cited by
DE3529288C1; EP0215195A1; US5027865A; EP0152937A3; DE3406137C1

Designated contracting state (EPC)
AT BE CH DE FR GB IT LI NL SE

DOCDB simple family (publication)
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