

Title (en)
ARRANGEMENT FOR A HYDRAULIC LIFTING TABLE

Publication
EP 0344196 B1 19920902 (EN)

Application
EP 88901664 A 19880204

Priority
SE 8700418 A 19870204

Abstract (en)
[origin: WO8805759A1] Arrangement for a hydraulic lifting table of the scissor type. This has two pairs of mutually attached scissor arms (1a, 1b; 2a, 2b), which at their ends are connected by means of pivots and rollers to a lower frame section (3) and an upper table section (4). The scissor arms (1a, 1b; 2a, 2b) are mutually and operatively connected to the pivotable connection (5) to the frame section (3). The lifting table comprises a power transmission arrangement (7, 8, 9, 11) for raising and lowering the table section (4). The invention is characterized in that the power transmission arrangement (7, 8, 9, 11) contains for each pair of scissor arms (1a, 1b; 2a, 2b) a hydraulic cylinder (7a; 7b) pivotally mounted at said connection (5). The piston rod (8a, 8b) of the cylinder is so arranged as to interact via rollers (9a, 9b, 9c) with guide curves (11a, 11b, 11c) arranged in conjunction with the common bearing shaft (1c, 2c) for the scissor arms (1a, 1b; 2a, 2b) and operatively connected to the respective scissor arm (1a, 1b; 2a, 2b).

IPC 1-7
B66F 7/08

IPC 8 full level
B66F 7/08 (2006.01)

IPC 8 main group level
B66F (2006.01)

CPC (source: EP)
B66F 7/065 (2013.01); **B66F 7/08** (2013.01)

Citation (examination)
SE 8602983 A

Cited by
CN102963837A; CN109015005A; US9961989B2

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

DOCDB simple family (publication)
WO 8805759 A1 19880811; AT E80124 T1 19920915; AU 1293488 A 19880824; DE 3874328 D1 19921008; DE 3874328 T2 19930304; DK 160019 B 19910114; DK 160019 C 19910617; DK 528088 A 19880922; DK 528088 D0 19880922; EP 0344196 A1 19891206; EP 0344196 B1 19920902; NO 884371 D0 19881003; NO 884371 L 19881003; SE 456499 B 19881010; SE 8700418 D0 19870204; SE 8700418 L 19880805

DOCDB simple family (application)
SE 8800036 W 19880204; AT 88901664 T 19880204; AU 1293488 A 19880204; DE 3874328 T 19880204; DK 528088 A 19880922; EP 88901664 A 19880204; NO 884371 A 19881003; SE 8700418 A 19870204