

Title (en)  
HYDRAULIC CONTROL DEVICE FOR A DOUBLE ACTING CYLINDER

Title (de)  
HYDRAULISCHE STEUERVORRICHTUNG FÜR EINEN DOPPELT WIRKENDEN ZYLINDER

Title (fr)  
DISPOSITIF DE COMMANDE HYDRAULIQUE D'UN VERIN A DOUBLE EFFET

Publication  
**EP 0776426 B1 19981223 (FR)**

Application  
**EP 94928429 A 19940922**

Priority  
• FR 9401109 W 19940922  
• FR 9311276 A 19930922

Abstract (en)  
[origin: WO9508715A1] The present invention relates to a hydraulic supply device for a double acting cylinder (1) comprising an electrohydraulic generator (5) supplying oil under pressure to the cylinder (1) through a line (15) and a distributor unit (12), characterized in that the distributor unit (12), fixed by rigid connection members (10) directly or proximate to the body of the cylinder (1), comprises: a check valve (14) connected upstream to a supply line (15) extending up to the electrohydraulic generator unit (5) and, downstream, to the right chamber (2a) of the hydraulic cylinder (1) through a conduit (13) internal to said unit (12), said check valve (14) impeding any oil return to the generator (5), or to the outside in the event of a burst supply line (15); a normally closed electromagnetically controlled valve (16) connecting the internal conduit (13) to the left chamber (2b) of the cylinder (1); a second conduit (17) inside the distributor unit (12) connecting the left chamber (2b) of the cylinder (1) to the oil return line (11) to the tank (9) through a normally closed electromagnetically controlled valve (18) incorporated in the distributor unit (12).

IPC 1-7  
**F15B 15/20**

IPC 8 full level  
**F15B 7/00** (2006.01)

CPC (source: EP)  
**F15B 7/006** (2013.01); **F15B 7/008** (2013.01)

Designated contracting state (EPC)  
CH DE ES GB IE LI NL

DOCDB simple family (publication)  
**WO 9508715 A1 19950330**; AU 7786094 A 19950410; DE 69415559 D1 19990204; EP 0776426 A1 19970604; EP 0776426 B1 19981223; FR 2710372 A1 19950331; FR 2710372 B1 19951117

DOCDB simple family (application)  
**FR 9401109 W 19940922**; AU 7786094 A 19940922; DE 69415559 T 19940922; EP 94928429 A 19940922; FR 9311276 A 19930922