

Title (en)  
CONTROL DEVICE

Title (de)  
STEUERVORRICHTUNG

Title (fr)  
DISPOSITIF DE COMMANDE

Publication  
**EP 1432878 A1 20040630 (DE)**

Application  
**EP 02735426 A 20020627**

Priority

- DE 10148962 A 20011004
- EP 0207090 W 20020627

Abstract (en)  
[origin: DE10148962C1] The control device has a control block (20) or controlling the pressure medium flow between the hydraulic cylinders (10) for the tool (12), a pressure supply (P) and a tank (T) with at least one hydraulic reservoir (22). The filling line (24) has a switching valve (26) controlled by the control block, a bypass line (30) containing a controlled valve (34), used for damping the movement of the hydraulic cylinders.

IPC 1-7  
**E02F 9/22**; B66F 9/22

IPC 8 full level  
**E02F 9/22** (2006.01)

CPC (source: EP US)  
**E02F 9/2207** (2013.01 - EP US); **E02F 9/2217** (2013.01 - EP US); **E02F 9/226** (2013.01 - EP US)

Citation (search report)  
See references of WO 03031734A1

Designated contracting state (EPC)  
DE FR GB IT

DOCDB simple family (publication)  
**DE 10148962 C1 20030227**; DE 50207525 D1 20060824; EP 1432878 A1 20040630; EP 1432878 B1 20060712; US 2004134191 A1 20040715; US 7117670 B2 20061010; WO 03031734 A1 20030417

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