

Title (en)  
Hydraulic arrangement

Title (de)  
Hydraulische Anordnung

Title (fr)  
Agencement hydraulique

Publication  
**EP 1743979 A1 20070117 (DE)**

Application  
**EP 06116997 A 20060711**

Priority  
DE 102005033535 A 20050714

Abstract (en)  
The arrangement has a hydraulic cylinder (12) with two chambers (24, 26), and a control valve (18) that is hydraulically connected with the chamber (24) and has two control positions (32, 34). The control valve in the position (32) allows a hydraulic flow only in the direction of the chamber (24). The control valve in the position (34) allows the hydraulic flow in and out of the chamber (24). The control valve is controllable such that it takes up the position (32) when the hydraulic cylinder takes up its position.

IPC 8 full level  
**E02F 3/36** (2006.01); **E02F 9/22** (2006.01); **F15B 11/00** (2006.01)

CPC (source: EP US)  
**E02F 3/3663** (2013.01 - EP US); **E02F 9/226** (2013.01 - EP US); **F15B 11/003** (2013.01 - EP US); **F15B 2211/30505** (2013.01 - EP US); **F15B 2211/3138** (2013.01 - EP US); **F15B 2211/31576** (2013.01 - EP US); **F15B 2211/324** (2013.01 - EP US); **F15B 2211/455** (2013.01 - EP US); **F15B 2211/50581** (2013.01 - EP US); **F15B 2211/5158** (2013.01 - EP US); **F15B 2211/528** (2013.01 - EP US); **F15B 2211/5753** (2013.01 - EP US); **F15B 2211/7053** (2013.01 - EP US); **F15B 2211/72** (2013.01 - EP US)

Citation (applicant)  
US 2004244575 A1 20041209 - FATEMI RAY S [US], et al

Citation (search report)  
• [X] US 2004244575 A1 20041209 - FATEMI RAY S [US], et al  
• [A] US 6431049 B1 20020813 - BERG GERALD M [US], et al

Designated contracting state (EPC)  
BE DE FR GB IT

Designated extension state (EPC)  
AL BA HR MK YU

DOCDB simple family (publication)  
**EP 1743979 A1 20070117**; **EP 1743979 B1 20110810**; DE 102005033535 A1 20070118; US 2007022750 A1 20070201; US 7430955 B2 20081007

DOCDB simple family (application)  
**EP 06116997 A 20060711**; DE 102005033535 A 20050714; US 47100606 A 20060620