

Title (en)
Fluid pressure operated arrangement

Title (de)
Druckmittelbetriebene Anordnung

Title (fr)
Ensemble actionné par fluide sous pression

Publication
EP 1596012 A3 20070110 (DE)

Application
EP 05103295 A 20050422

Priority
DE 102004023102 A 20040511

Abstract (en)
[origin: EP1596012A2] The arrangement has an actuator tiltably linked around an axis (46). A guide (64) and an actuator (36, 37) are connected to a unit (66). The guide and the connecting unit are tiltably connected around the axis to each other. A connector is between the guide and the connecting unit. The connector and the guide are of rigid construction and formed of a pipe. The connector (68) is a swivel joint and fastened to a swiveling pin connection (44).

IPC 8 full level
E02F 3/42 (2006.01); **E02F 9/22** (2006.01); **F15B 1/02** (2006.01); **F15B 11/00** (2006.01); **F15B 15/14** (2006.01)

CPC (source: EP US)
E02F 3/422 (2013.01 - EP US); **E02F 9/2267** (2013.01 - EP US); **E02F 9/2271** (2013.01 - EP US); **E02F 9/2275** (2013.01 - EP US); **F15B 1/021** (2013.01 - EP US); **F15B 11/003** (2013.01 - EP US); **F15B 15/149** (2013.01 - EP US); **F15B 2211/20538** (2013.01 - EP US); **F15B 2211/30505** (2013.01 - EP US); **F15B 2211/30525** (2013.01 - EP US); **F15B 2211/3111** (2013.01 - EP US); **F15B 2211/3144** (2013.01 - EP US); **F15B 2211/31576** (2013.01 - EP US); **F15B 2211/327** (2013.01 - EP US); **F15B 2211/45** (2013.01 - EP US); **F15B 2211/50581** (2013.01 - EP US); **F15B 2211/5153** (2013.01 - EP US); **F15B 2211/528** (2013.01 - EP US); **F15B 2211/55** (2013.01 - EP US); **F15B 2211/625** (2013.01 - EP US)

Citation (search report)

- [X] US 2002062587 A1 20020530 - KIMOTO KENZO [JP], et al
- [X] US 4767257 A 19880830 - KATO HISAO [JP]
- [X] JP H01177985 A 19890714 - HONDA MOTOR CO LTD
- [X] JP H08109654 A 19960430 - SUMITOMO CONSTR MACH
- [X] JP 2000170197 A 20000620 - YANMAR AGRICULT EQUIP
- [X] DE 9420227 U1 19960425 - FREIMUTH ULRICH [DE]
- [A] US 2001024003 A1 20010927 - HUBER GERHARD [DE], et al
- [A] WO 9939127 A1 19990805 - WIKLUND TORE [SE]
- [A] US 3678810 A 19720725 - HOLMES LLOYD H, et al

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR LV MK YU

DOCDB simple family (publication)
EP 1596012 A2 20051116; EP 1596012 A3 20070110; DE 102004023102 A1 20051208; US 2005254933 A1 20051117; US 7275475 B2 20071002

DOCDB simple family (application)
EP 05103295 A 20050422; DE 102004023102 A 20040511; US 12250305 A 20050505