

Title (en)

Load sensing control system and load sensing directional valve

Title (de)

LS-Steueranordnung und LS-Wegeventil

Title (fr)

Système de commande à détection de charge et valve directionnelle à détection de charge

Publication

**EP 1736671 A3 20071121 (DE)**

Application

**EP 06010425 A 20060519**

Priority

- DE 102005029028 A 20050621
- DE 102005050169 A 20051019

Abstract (en)

[origin: EP1736671A2] The linear saturation (LS) control device has a path valve (1), the valve slide (10) of which enables consumer connections (A, B) to be made for two consumers to an input connection (P) and an output connection (T). The flow path can be connected to two successive or overlapping pressure limiting chambers (24, 28) with pressure limiting valves (6, 8).

IPC 8 full level

**F15B 13/04** (2006.01)

CPC (source: EP)

**F15B 11/05** (2013.01); **F15B 13/0402** (2013.01); **F15B 13/0417** (2013.01); **F15B 2211/30535** (2013.01); **F15B 2211/365** (2013.01); **F15B 2211/50572** (2013.01); **F15B 2211/5151** (2013.01); **F15B 2211/57** (2013.01); **F15B 2211/5753** (2013.01); **F15B 2211/6055** (2013.01); **F15B 2211/654** (2013.01)

Citation (search report)

- [XAY] DE 19651967 A1 19980618 - MANNESMANN REXROTH AG [DE]
- [X] EP 1069317 A2 20010117 - MANNESMANN REXROTH AG [DE]
- [X] DE 10107532 A1 20020829 - MANNESMANN REXROTH AG [DE]
- [ADY] DE 19715020 A1 19981015 - REXROTH MANNESMANN GMBH [DE]
- [ADY] US 4787294 A 19881129 - BOWDEN CHARLES J [US]

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 LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

**EP 1736671 A2 20061227**; **EP 1736671 A3 20071121**; **EP 1736671 B1 20110112**; AT E495371 T1 20110115; DE 102005050169 A1 20061228; DE 502006008694 D1 20110224; DK 1736671 T3 20110509

DOCDB simple family (application)

**EP 06010425 A 20060519**; AT 06010425 T 20060519; DE 102005050169 A 20051019; DE 502006008694 T 20060519; DK 06010425 T 20060519