

Title (en)

DIRECTIONAL VALVE FOR A WORK VEHICLE AND RELATED HYDRAULIC ARRANGEMENT

Title (de)

WEGEVENTIL FÜR EIN ARBEITSFAHRZEUG UND ZUGEHÖRIGE HYDRAULISCHE ANORDNUNG

Title (fr)

SOUPAPE DIRECTIONNELLE POUR UN VÉHICULE DE TRAVAIL ET SYSTÈME HYDRAULIQUE ASSOCIÉ

Publication

**EP 3786461 A1 20210303 (EN)**

Application

**EP 20193827 A 20200901**

Priority

IT 201900015363 A 20190902

Abstract (en)

Directional valve (12) for a hydraulic arrangement (1) of a work vehicle for controlling the operation of a double acting cylinder (2) comprising a piston chamber (6a) and a rod chamber (6b), such directional valve (12) comprising a first port (12a) fluidly connectable to an output of a load sensing hydraulic supply system (10), a second port (12b) fluidly connectable to a reservoir (11), a third port (12c) fluidly connectable to said hydraulic supply system (10) to carry a load sensing signal configured to control the operation of this latter, a fourth and fifth ports (12d, 12e) fluidly connectable to respectively piston and rod chambers (6a, 6b), such valve (12) being configured to allow the generation of an appropriate load sensing signal in both a lowering and lifting operational condition of the cylinder (2).

IPC 8 full level

**F15B 13/04** (2006.01); **F15B 11/05** (2006.01)

CPC (source: EP)

**F15B 11/055** (2013.01); **F15B 13/0417** (2013.01); **F15B 2211/651** (2013.01); **F15B 2211/761** (2013.01); **F15B 2211/8609** (2013.01)

Citation (search report)

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Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**EP 3786461 A1 20210303**; IT 201900015363 A1 20210303

DOCDB simple family (application)

**EP 20193827 A 20200901**; IT 201900015363 A 20190902