

Title (en)  
HYDRAULIC CONTROL ASSEMBLY

Title (de)  
HYDRAULISCHE STEUERANORDNUNG

Title (fr)  
AGENCEMENT DE COMMANDE HYDRAULIQUE

Publication  
**EP 4130493 B1 20240327 (DE)**

Application  
**EP 22186950 A 20220726**

Priority  
DE 102021208330 A 20210802

Abstract (en)  
[origin: CN115701492A] The invention relates to a hydraulic control device (1) for actuating a hydraulic actuator (2), comprising: two working lines (4, 6), in each case of which an unlockable check valve (23, 24) is arranged; a proportional valve (10) by means of which the two working lines (4, 6) can be connected to a pressure medium source (8) or a pressure medium tank (9); and a short-circuit line (25) which connects the two working lines (4, 6) to each other with the two check valves (26, 27) connected therebetween, one of the check valves (26) arranged in the short-circuit line (25) being configured to be lockable and the other of the check valves (27) arranged in the short-circuit line (25) being configured to be unlockable.

IPC 8 full level  
**F15B 11/024** (2006.01); **F15B 11/042** (2006.01); **F15B 11/044** (2006.01)

CPC (source: EP)  
**F15B 11/024** (2013.01); **F15B 11/042** (2013.01); **F15B 11/044** (2013.01); **F15B 2211/30505** (2013.01); **F15B 2211/3051** (2013.01); **F15B 2211/3058** (2013.01); **F15B 2211/3111** (2013.01); **F15B 2211/3127** (2013.01); **F15B 2211/329** (2013.01); **F15B 2211/351** (2013.01); **F15B 2211/353** (2013.01); **F15B 2211/6336** (2013.01); **F15B 2211/634** (2013.01); **F15B 2211/665** (2013.01); **F15B 2211/6658** (2013.01); **F15B 2211/7053** (2013.01); **F15B 2211/765** (2013.01)

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

DOCDB simple family (publication)  
**DE 102021208330 B3 20221222**; CN 115701492 A 20230210; EP 4130493 A1 20230208; EP 4130493 B1 20240327

DOCDB simple family (application)  
**DE 102021208330 A 20210802**; CN 202210916157 A 20220801; EP 22186950 A 20220726