

Title (en)  
HYDRAULIC MOTOR CONTROL DEVICE

Publication  
**EP 0072952 B1 19860507 (DE)**

Application  
**EP 82107131 A 19820806**

Priority  
• DE 3132904 A 19810820  
• DE 3200868 A 19820114

Abstract (en)  
[origin: EP0072952A2] 1. Control device for a hydraulic consuming device (40), having a pressure balance (20) and a proportionally working directional control valve (26), via which the pressure medium delivered from a pressure-medium source (10) flows in the working position at least partially to the consuming device (40), but in the neutral position flows to a container (13), and in which a line connection (14, 39) leads from the pressure-medium source (10) directly to the consuming device (40), in which line connection (14, 39) a throttle valve (41) is arranged and the differential pressure produced at the latter is active at the pressure balance (20) which controls the operating sequence from the pump delivery line (14) to the container (13), is normally closed and opens as a function of the pressure differential at the throttle valve (41), and also having a slide valve (45) loaded by a spring (46), characterised in that two lines (55, 53) which emerge from the line connection (14, 39) and on both sides from the throttle valve (41) lead to the slide valve (45), and the slide valve, in its normal position, connects the consumer-side line (39) of the line connection (14, 39), to the directional control valve (26) and separates them from one another in the operating position, that the delivery line (14) is constantly connected via at least one further throttle valve (66) to the end face (52) of the slide valve (45), which end face (52) is opposite the spring (46), and that, in the neutral position of the directional control valve (26), the pressure medium delivered from the pressure-medium source (10) flows via the throttle valve (41), the slide valve (45) and the directional control valve (26) to the container (13).

IPC 1-7  
**F15B 11/08**

IPC 8 full level  
**F15B 11/08** (2006.01)

CPC (source: EP)  
**F15B 11/08** (2013.01)

Citation (examination)  
• DE 1928896 B1 19701112 - INTERNAT HARVESTER CO MBH  
• DE 2617008 A1 19771103 - BOSCH GMBH ROBERT

Cited by  
FR2688831A1

Designated contracting state (EPC)  
DE FR GB IT

DOCDB simple family (publication)  
**EP 0072952 A2 19830302; EP 0072952 A3 19840801; EP 0072952 B1 19860507;** DE 3200868 A1 19830303; DE 3270997 D1 19860612

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