

Title (en)
HYDRAULIC SYSTEM.

Title (de)
HYDRAULIKANLAGE.

Title (fr)
SYSTEME HYDRAULIQUE.

Publication
EP 0670967 A1 19950913 (EN)

Application
EP 94900773 A 19931111

Priority
• DE 4239109 A 19921120
• DK 9300370 W 19931111

Abstract (en)
[origin: WO9412795A1] A hydraulic system with a pump (1) of fixed positive displacement, a tank (42) and a valve group connected via a tank line (118) to the tank (22) is disclosed, which has at least one load valve (105 to 107) and a control section (103) comprising a pilot overflow valve (16) for control of the hydraulic fluid supplied to the load valve in accordance with demand. In a system of that kind, it is desirable to be able to arrange an auxiliary valve arrangement in the tank line without the function of the system being adversely affected. For that purpose, besides the auxiliary valve arrangement (31) provided in the tank line (118) for controlling a further hydraulic load, provision is made for the discharge side of the pilot overflow valve (16) to be connected to a point of constant pressure.

IPC 1-7
F15B 11/17

IPC 8 full level
F15B 11/16 (2006.01)

CPC (source: EP)
F15B 11/16 (2013.01); **F15B 2211/30535** (2013.01); **F15B 2211/50536** (2013.01); **F15B 2211/5059** (2013.01); **F15B 2211/5159** (2013.01); **F15B 2211/528** (2013.01); **F15B 2211/6054** (2013.01); **F15B 2211/6055** (2013.01); **F15B 2211/7142** (2013.01); **F15B 2211/781** (2013.01)

Citation (search report)
See references of WO 9412795A1

Designated contracting state (EPC)
BE DE DK ES FR GB IT NL SE

DOCDB simple family (publication)
WO 9412795 A1 19940609; CA 2147477 A1 19940609; DE 4239109 C1 19940630; EP 0670967 A1 19950913

DOCDB simple family (application)
DK 9300370 W 19931111; CA 2147477 A 19931111; DE 4239109 A 19921120; EP 94900773 A 19931111