

Title (en)
Hydraulic pilot control system

Title (de)
Hydraulisches Pilotensteuerungssystem

Title (fr)
Système de contrôle de pilote hydraulique

Publication
EP 2535467 A1 20121219 (EN)

Application
EP 11169795 A 20110614

Priority
EP 11169795 A 20110614

Abstract (en)
This disclosure is directed towards a hydraulic pilot control system (28,79,82) which provides tactile feedback to a control lever (40) by using a hydraulic signal to provide the feedback. The hydraulic pilot control system (28,79,82) comprises a control lever (40), a hydraulic valve (33), a main hydraulic circuit (44) and a hydraulic feedback circuit. The hydraulic valve (33) is controlled by the control lever (40) and comprises at least one valve actuator responsive to movement of the control lever (40) for controlling pressurised hydraulic fluid in the main hydraulic circuit (44). The hydraulic feedback circuit is configured to provide a feedback signal indicative of a load to which the main hydraulic circuit (44) is subjected. The feedback signal is used to provide tactile feedback to the control lever (40).

IPC 8 full level
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CPC (source: EP)
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Citation (applicant)
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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

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