

Title (en)

HYDRAULIC CONTROL SYSTEM FOR BUILDING MACHINERY, PARTICULARLY EXCAVATORS

Title (de)

HYDRAULISCHES STEUERSYSTEM FÜR BAUMASCHINEN, INSBESONDERE FÜR BAGGER

Title (fr)

SYSTEME DE COMMANDE HYDRAULIQUE POUR ENGINS DE CONSTRUCTION, EN PARTICULIER POUR EXCAVATEURS

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2005015030A1] The invention relates to a hydraulic control system for building machinery, particularly for controlling hydraulic consumers of an excavator. According to the invention, pump channels P1 (17.3) and P2 (17.4) which ensure that the hydraulic consumers are supplied in parallel by means of the spool valve of the main control unit (2) of the piece of building machinery are provided in addition to previously existing pump channels P01 (17.1) and P02 (17.2) that ensure that said hydraulic consumers are serially supplied with a hydraulic fluid. The additional pump channels P1(17.3) and P2 (17.4) are arranged parallel to the previously existing ones.

IPC 8 full level

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CPC (source: EP US)

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