

Title (en)
BRAKE DEVICE FOR A CONSTRUCTION MACHINE

Title (de)
BREMSVORRICHTUNG FÜR EINE BAUMASCHINE

Title (fr)
DISPOSITIF DE FREINS DESTINE A UNE MACHINE DE CONSTRUCTION

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Application
EP 00973307 A 20001018

Priority

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- SE 9903856 A 19991026

Abstract (en)
[origin: WO0130625A1] The invention relates to a brake device (1) for a construction machine, comprising a first brake circuit (2), which is coupled to a first brake member (4) on a first wheel axle (6) of the machine, a second brake circuit (8), which is coupled to a second brake member (10) on a second wheel axle (12) of the machine, the first and second brake circuits (2, 8) being independent of one another, a pressure source (14) for hydraulic oil, which is coupled to the first and second brake circuit (2, 8), and a brake valve (16, 16'), which is coupled to the first and second brake circuit (2, 8), which brake valve (16, 16') is designed to control the hydraulic oil from the pressure source (14) to the brake members (4, 10) on the wheel axles (6, 12). The first or second brake circuit (2, 8) comprises limiting elements (18, 42'), which limit the pressure and/or flow of hydraulic oil when the brake valve (16, 16') controls the hydraulic oil from the pressure source (14) to the brake members (4, 10) on the wheel axles (6, 12).

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