

Title (en)

CONTROL FOR THE CLUTCH AND/OR THE BRAKE OF A PRESS

Publication

**EP 0051684 B1 19840215 (DE)**

Application

**EP 80106698 A 19801031**

Priority

EP 80106698 A 19801031

Abstract (en)

[origin: ES8206273A1] A control arrangement for a clutch and/or brake of a press, with the control arrangement including at least one of a clutch cylinder piston unit and a brake cylinder piston unit which opposes braking forces until a desired rotational speed is reached. The cylinder-piston units may be operationally controlled by at least one valve before the desired rotational speed is reached. The control arrangement is driven by at least two different pressures, with one of the pressures being at least approximately equal to a maximum clutch pressure or at least approximately equal to a pressure release, and the other pressure being a partial pressure which lies above a minimum response pressure of the clutch or below a counter pressure which triggers a minimal response pressure of the brake. After an intermediate pressure is reached which, in the case of a clutch operation, lies between a value above the partial pressure and the clutch pressure, and with a brake operation, between a value below the partial pressure and a pressure release and, during a clutching and braking operation the pressure may still be switched, prior to a reaching of the desired rotational speed, to the partial pressure for a time period that it takes to obtain the desired rotational speed. The control arrangement may also be utilized in a combination clutch-brake construction with the respective pressures being set in the control arrangements on the basis of a program control which is operable in dependence upon operating parameters of the press.

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**B30B 15/14**

IPC 8 full level

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CPC (source: EP US)

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