

Title (en)

Control device for a hydraulic press.

Title (de)

Vorrichtung zur Regelung einer hydraulischen Presse.

Title (fr)

Dispositif de commande d'une presse hydraulique.

Publication

EP 0207639 A1 19870107 (EN)

Application

EP 86304206 A 19860603

Priority

GB 8513955 A 19850603

Abstract (en)

A hydraulically operated cutting press of the moving bed type has four piston-and-cylinder arrangements (C1-C4) arranged at or adjacent each corner of the cutting bed (24) and a balancing mechanism (58) including two balancing valves (BV1, BV2) connected across diagonally opposite corners of the bed. The balancing valves (BV1, BV2) are so connected to their associated piston-and-cylinder arrangements (C1-C4) that during a cutting stroke they control the flow of exhaust fluid from said arrangements, while during a return stroke they control the flow of fluid supplied to said arrangements. In addition, the two sides of each piston-and-cylinder arrangement (C1-C4) are connected by a line in which is disposed a valve (CV13, CV23, CV33, CV34) which is closed during a cutting stroke of the press and open during a return stroke of the press, thereby enabling fluid exhausting from the one side of each arrangement during a return stroke to be admitted to the other side thereof.

IPC 1-7

B30B 15/24; **F15B 11/22**

IPC 8 full level

B26D 5/12 (2006.01); **B30B 15/24** (2006.01)

CPC (source: EP)

B26D 5/12 (2013.01); **B30B 15/24** (2013.01)

Citation (search report)

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Designated contracting state (EPC)

DE GB IT

DOCDB simple family (publication)

EP 0207639 A1 19870107; GB 8513955 D0 19850703

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