

Title (en)

FLUID-DYNAMIC PLANT FOR THE CONTROLLED DRIVE OF THE RAM OF A PRESS

Title (de)

FLUIDDYNAMISCHE ANLAGE ZUM GESTEUERTEN ANTRIEB DES STÖSSELS EINER PRESSE

Title (fr)

INSTALLATION FLUIDODYNAMIQUE POUR L'ENTRAÎNEMENT CONTRÔLÉ DU COULISSEAU D'UNE PRESSE

Publication

**EP 3593983 B1 20230607 (EN)**

Application

**EP 19020422 A 20190709**

Priority

IT 201800007019 A 20180709

Abstract (en)

[origin: EP3593983A1] The fluid dynamic plant for the controlled drive of the ram of a press comprises: a pushing piston (20) housed sliding in a sliding seating (30) of a press and that divides it into a stem-side chamber (30A) and a thrust-side chamber (30B); a first pump (1) of a pressurized fluid which is driven and/or controlled by a first servomotor (11) functionally connected therewith; an accumulator group (6) of pressurized fluid which is fluid-dynamically connected alternatively to the first pump (1) or to the sliding seating (30); a distributor group (3) for alternate fluid-dynamic connection of the first pump (1) to said sliding seating (30) or of the first pump (1) to the accumulator group (6), a power generator group (34) being interposed between the latter and the sliding seating.

IPC 8 full level

**B30B 15/16** (2006.01); **B30B 15/18** (2006.01)

CPC (source: EP)

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