

Title (en)
Quick plate press

Title (de)
Schnelllaufende Plattenpresse

Title (fr)
Presse rapide à plateaux

Publication
EP 1502728 A3 20061025 (EN)

Application
EP 04018058 A 20040730

Priority
IT BO20030461 A 20030731

Abstract (en)
[origin: EP1502728A2] A quick plate press is provided with a plurality of side by side plates (2), which delimit interposed spaces (3) for panels. Said press (1) comprises compression hydraulic cylinders (4) of the plates (2) and translation means (5) which are provided with a plurality of respective linear hydraulic actuators (6) to alternatively position the spaces (3) at opening means (7), fit for reciprocally remove the plates (2) of a space (3) for entering said space (3). Said press (1) includes: - proportional valve means (10) for individually driving each actuator (6) of translation means (5); - a plurality of linear encoder means (11), each thereof associated to a respective actuator (6) of translation means (5); - control means (12) whose input port is connected to linear encoder means (11) and whose output port is connected to proportional valve means (10). The control means (12) are fit for driving the actuators (6) of translation means (5) with differences of position or of relative speed, which are lower than predefined threshold values.

IPC 8 full level
B30B 7/02 (2006.01)

CPC (source: EP)
B30B 7/02 (2013.01)

Citation (search report)

- [Y] DE 3916822 A1 19891207 - SERGIANI SPA [IT]
- [Y] EP 0796726 A2 19970924 - COE MFG CO [US]
- [A] US 3331411 A 19670718 - GIANFRANCO CECCHI
- [A] US 3041666 A 19620703 - DORENBOS RICHARD E, et al
- [A] US 4222724 A 19800916 - VAN HUELLEN KURT

Cited by
EP1854622A3; EP1992475A3; EP1992475A2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL HR LT LV MK

DOCDB simple family (publication)
EP 1502728 A2 20050202; EP 1502728 A3 20061025; IT BO20030461 A1 20050201

DOCDB simple family (application)
EP 04018058 A 20040730; IT BO20030461 A 20030731