

Title (en)
Continuous press for pressing of mats for the production of boards

Title (de)
Kontinuierliche Presse zum Verpressen von Pressgutmatten zu Pressgutplatten

Title (fr)
Presse continue pour le pressage de nattes pour la fabrication de panneaux

Publication
EP 0943407 B1 20031029 (DE)

Application
EP 99101256 A 19990123

Priority
DE 19806707 A 19980218

Abstract (en)
[origin: DE19806707C1] Continuous press assembly, used to press fibre materials into boards, has an array of cylinder pistons (13). They are linked at the upper and/or lower entry plates (8, 9) through spherical ball mountings (14) and insulation. The cylinder piston mountings at the upper (4) and/or lower (3) press sections are through spherical ball mountings (14) and the press frames (37). The mountings (14) are ball and socket units, with the sockets fitted to the upper (4) and/or lower (3) press sections, with a ball head in each. Each cylinder and/or piston has an opening for the bearing mounting. Each cylinder and/or piston passes through a central opening at each point, to be screwed into the contained ball with a given movement play. Alternatively the ball within the socket has a connecting shaft through the socket, with a given play, for screw attachment to the cylinder or piston. The bearing sockets have insulation rings between their edges and the upper and/or lower entry plates (8, 9). The sockets have a collar round their peripheral edges, or facing collar segments, with clamping rings or ring segments or paws to hold the insulation rings in place, with clamping bolts through them to attach them to the entry plates (8, 9). The socket shells can also be secured by a pressure plate with one or more insulation plates at the entry plates (8, 9). The socket shell has a smooth edge to stand on the pressure plate. The pressure plate and the insulation plates are contained with a holding ring or insulation ring. The mounting sockets are suspended from the upper section (4) of the press by cylinder bolts (32), screwed into the sockets at one end and into drillings at the other end, with their bolt heads on locking bolts (34). The locking bolts (34) pass through passage openings in each lateral frame of the upper press section (4), with the cylinder bolts (32) passing through both sides of the lateral frames.

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