

Title (en)
SCREW PRESS

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Application
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Abstract (en)
[origin: WO8804232A1] A screw press (1) has a housing with a circular cylindrical upper part (3) and a lower part (4). In an upper bearing (16) and in a lower bearing (20) of the housing (2) a press-screw (18) is rotatively mounted and can be rotated by a driving unit (21) via a driving pipe (58). A screw body (29) of the press-screw (18) has outer spiral fins (69) and compacting paddles (25) further up that all extend next to a screening case (23) of the upper part (3). The screening case (23) is surrounded at a certain distance by an injection case (22) and is provided, from the compacting paddles (25) down, with holes for the expressed liquid. The screw-body (29) similarly has passages (47) for the expressed liquid but only from the compacting paddles (25) down. A screw-like front wall (38) is welded above the compacting paddles (25) between an annular wall (34) and the screening case (23), which has no holes in that area. Wet pulp reaches tangentially the lower side of the front wall (38) through a filling hole (41) in the upper part (3).

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