Title (en)
SCREW PRESS SEPARATOR

Title (de)
PRESSSCHNECKENSEPARATOR

Title (fr)
SÉPARATEUR À VIS DE PRESSION

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Abstract (en)
[origin: WO2015121280A1] The invention comprises a screw press separator (1) for separating solid components from a slurry containing solid and liquid components, comprising a housing (2) having an inlet chamber (3) and a screen chamber (4), wherein the inlet chamber (3) transitions into the screen chamber (4); an inlet (5) at the inlet chamber (3) for the slurry; an outlet (6) at the screen chamber (4) for the solid components; a discharge (7) at the housing (2) for the liquid components; a screen (8) arranged in the screen chamber (4); a screw extending through the inlet chamber (3) and the into the screen (8), wherein the screw (9) is rotatably moveable around a longitudinal axis (10) of the screen (8) for pressing out the slurry, characterized by a wear ring (13) arranged at the transition from the inlet chamber (3) into the screen chamber (4), wherein the wear ring (13) is exchangeably fastened to the housing (2) and wherein multiple cutting edges (17) are formed on the inner circumference of the wear ring (13).

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