

Title (en)
PRESS SCREW SEPARATOR

Title (de)
PRESSSCHNECKENSEPARATOR

Title (fr)
SÉPARATEUR À VIS DE PRESSE

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Abstract (en)
[origin: WO2012126584A1] The invention relates to a press screw separator for separating solid components from a slurry comprising solid and liquid components, such as wastewater from municipal, industrial or agricultural operations, liquid manures et cetera, having a substantially cylindrically shaped screw assembly (2) comprising at least one screw coil (3), a substantially cylindrically shaped sieve basket (4) enclosing the screw assembly (2), a ring chamber formed between the inside of the sieve basket (4) and the screw assembly (2), a supply (7) for the slurry, a drain (8) for the watery components of the slurry, a solids outlet (20) for the solid components of the slurry, and a drive (13, 14, 15). In order to reduce the technical complexity of such a press screw separator, according to the invention the drive (13, 14, 15) drives the sieve basket (4) and rotates around the fixed screw assembly (2).

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