

A screw press (14) for separating liquid from a solid-liquid mixture comprises a filter casing (18) having inlet mid outlet sections (24, 26), and a filter section (28) therebetween. A screw (20) is mounted in the casing (18) for conveying the solid-li-iquid mixture from the inlet section (24) to the outlet section (26) while compressing the solid-liquid mixture and forcing at least part of a liquid content thereof to be expelled out of the filter casing (18). The casing (18) and the screw (20) are of modular construction. The filter section (28) has at least first and second serially interconnectable filter sections (28a, 28b), and the screw (20) has at least first and second serially interconnectable screw sections (20a, 20b) respectively disposed in the first and second filter sections (28a, 28b) for joint rotation as a unitary component. The first and second screw sections (20a, 20b) have a continuous screw flight (34) having a flight outside diameter. The first and second screw sections (20a, 20b) are detachably coupled to one another by a coupling (62) provided at the outside diameter of the flight (34).