

Title (en)
SCREW PRESS DEVICE

Title (de)
SCHNECKENPRESSVORRICHTUNG

Title (fr)
SYSTÈME DE PRESSES À VIS

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Application
EP 16730809 A 20160616

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Abstract (en)
[origin: WO2016202911A1] A screw press device is described, having a first screw press (4), which has a first pressing screw housing (8), a first pressing screw (10) mounted in a rotatable manner in the first pressing screw housing (8), a first inlet (12) and a first outlet (14), having at least one second screw press (6), which has a second pressing screw housing (16), a second pressing screw (18) mounted in a rotatable manner in the second pressing screw housing (16), a second inlet (20) coupled to the first outlet (12), and a second outlet (22), and having a drive device (38, 40) for driving the first and second pressing screws (10, 18) in rotation. The particularity of the invention is that the drive device (38, 40) is configured to selectively drive the first and second pressing screws (10, 18) with different rotational speeds, and has a rotational-speed control device (60) which is configured to set the second pressing screw (18) to a rotational speed which is above a first rotational speed value in the event that the pressure in the material within the first pressing screw housing (8) exceeds a predetermined first threshold value substantially next to the first outlet (14), and is below a second rotational speed value in the event that the pressure in the material within the first pressing screw housing drops below a predetermined second threshold value substantially next to the first outlet.

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