

Title (en)
EXTRUSION PRESS

Publication
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Application
EP 84900698 A 19840210

Priority
AT 94283 A 19830317

Abstract (en)
[origin: WO8403661A1] In a screw extrusion press intended to form briquettes from fuel wastes of different compositions, having a press cylinder (3) and a mouth-piece (4) connected thereto, the tapered compression segment (9) of the press screw (7) is provided outside the press cylinder (3) exclusively in the mouth-piece (4) which is provided with mantle segments (11, 12) separated by longitudinal slots (13). In the tapered compression segment (9) is inserted into one of the longitudinal slots (3) a longitudinal guiding element (15) provided for the extrusion in the course of formation and engaged in the press screw (7). Preferably, two mantle segments (11, 12) are provided, of which one (12) is axially and movably guided towards the press cylinder (3). The partial cross-sectional bearings are provided between the mouth piece (4) and the press cylinder (3) beyond the compression segment (9) in the feed section (8) of the press screw (7), wherein is further conveyed the bulk material used to form the briquettes. The moving mantle segment (12) may be widened at the outlet end (41), the displacement and the widening reacting with counter-action effects to two spring-loaded regulation devices (5, 6) which are preferably independent from each other.

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IPC 8 full level
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Cited by
US5302102A; DE19521560A1; DE3831528A1

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