

Title (en)  
EXTRUSION PRESS

Publication  
**EP 0141821 B1 19870916 (DE)**

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.

IPC 1-7  
**B30B 11/24**; **B30B 11/22**

IPC 8 full level  
**B30B 11/22** (2006.01); **B30B 11/24** (2006.01)

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Cited by  
US5302102A; DE19521560A1; DE3831528A1

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**WO 8403661 A1 19840927**; AT E29690 T1 19871015; AU 2493684 A 19841009; DE 3466190 D1 19871022; EP 0141821 A1 19850522; EP 0141821 B1 19870916

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