

Title (en)
Pellet press

Title (de)
Pelletpresse

Title (fr)
Presse à briquettes

Publication
EP 0320747 B2 19960508 (DE)

Application
EP 88120319 A 19881206

Priority
DE 3743037 A 19871218

Abstract (en)
[origin: EP0320747A2] A pellet press has a hollow cylindrical pressing mould (9) which is provided with essentially radial bores and on the inner circumferential surface of which at least one pressing roller (9a), arranged eccentrically in relation to the latter, is arranged rollably. To fasten this pressing mould (9) to a press-side mould support (10), a holding device is provided, which has at least one of the following groups of characteristics: a) that there is provided indirectly or directly in the mould support (10) on the inner rotation surface at least one essentially radially fluid-actuable fixing member, e.g. a diaphragm (43), which can be brought to bear against the outer rotation surface (44) of the mould (9); b) that the mould (9) is provided on at least one of its end surfaces with at least one undercut opening (22), and that a fixing member (23a) reaching into the opening (22) is rotatable, with a grip surface (23) projecting at an angle to a longitudinal axis, by means of an in particular fluid-actuated actuating device (25 - 32), by a predetermined angular amount, at which the grip surface (23) grips the undercut of the opening; c) that there are provided indirectly or directly on the mould support (10) and the mould (9) concentric, in particular self-locking threads (52) which engage in one another. <IMAGE>

IPC 1-7
B30B 11/20

IPC 8 full level
B30B 11/20 (2006.01)

CPC (source: EP US)
B30B 11/202 (2013.01 - EP US)

Cited by
WO2009055811A1; EP0396199A1

Designated contracting state (EPC)
AT BE CH DE ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)
EP 0320747 A2 19890621; EP 0320747 A3 19900919; EP 0320747 B1 19920909; EP 0320747 B2 19960508; AT E80340 T1 19920915; DE 3743037 A1 19890629; DE 3874501 D1 19921015; ES 2035232 T3 19930416; GR 3005668 T3 19930607; US 4979887 A 19901225

DOCDB simple family (application)
EP 88120319 A 19881206; AT 88120319 T 19881206; DE 3743037 A 19871218; DE 3874501 T 19881206; ES 88120319 T 19881206; GR 920401992 T 19920910; US 28227988 A 19881207