



Europäisches Patentamt
European Patent Office
Office européen des brevets



(11) Publication number : **0 502 734 A3**

(12)

EUROPEAN PATENT APPLICATION

(21) Application number : **92301903.8**

(51) Int. Cl.⁵ : **B30B 11/08**

(22) Date of filing : **05.03.92**

(30) Priority : **06.03.91 GB 9104720**

(43) Date of publication of application :
09.09.92 Bulletin 92/37

(84) Designated Contracting States :
BE DE ES FR GB IT

(88) Date of deferred publication of search report :
03.02.93 Bulletin 93/05

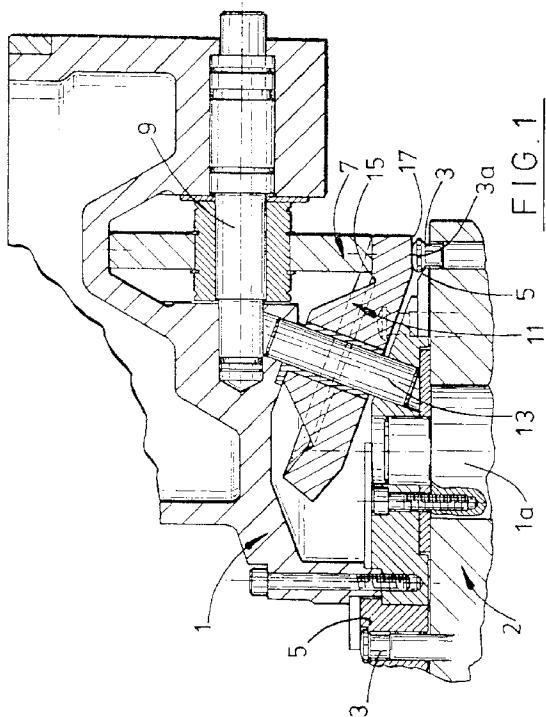
(71) Applicant : **MANESTY MACHINES LIMITED**
Evans Road, Speke
Liverpool L24 9LQ (GB)

(72) Inventor : **Wilson, David Henry**
24 Bancroft Close
Hunts Cross, Liverpool, L25 0LS (GB)

(74) Representative : **Cardwell, Stuart Martin et al**
Roystons Tower Building Water Street
Liverpool L24 1BA (GB)

(54) **Tabletting press.**

(57) In a tabletting press comprising a turret (2) rotatable with respect to a housing (1) and carrying rotatably with it a plurality of dies and a plurality of opposed pairs of punches (3 ; 3' ; 3'') and a pair of rotatable pressure rolls (7 ; 7' ; 7'') between which the opposed punches are passed to form tablets in successive dies, and respective curves (5 ; 5' ; 5'') mounted, in use, non-rotatably with respect to the housing to control movement of the opposed pair of punches in less heavily loaded sectors of the tabletting cycle outside the influence of the compression rolls, an improved compression profile is achieved by interposing between at least one of the compression rolls and heads of associated punches under its influence a rotatable disc (11 ; 11' ; 11'') one surface (15) of which is acted on by the associated compression roll and the other surface (17) of which contacts the heads of the punches to control the compression profile of the punches outside of the influence of the fixed curves. Conveniently the disc has an axis of rotation inclined with respect to the axis of the punches.



EP 0 502 734 A3

Jouve, 18, rue Saint-Denis, 75001 PARIS



European Patent
Office

EUROPEAN SEARCH REPORT

Application Number

EP 92 30 1903

| DOCUMENTS CONSIDERED TO BE RELEVANT | | | CLASSIFICATION OF THE APPLICATION (Int. Cl.5) |
|--|--|---|---|
| Category | Citation of document with indication, where appropriate, of relevant passages | Relevant to claim | |
| X | BE-A-828 604 (ATELIERS DE CONSTRUCTION ED. COURTOY) * page 5 - page 7; figures * --- | 1-6,8-9 | B30B11/08 |
| D,A | GB-A-1 311 353 (KIKUSUI SEISAKUSHO LTD.) * claims; figures * --- | 1 | |
| A | GB-A-1 212 535 (SHIONOGI & CO. LTD.) * claims 1,4; figures * --- | 1 | |
| A | FR-A-2 629 712 (UNIVERSITE DE BORDEAUX II ET AL.) * abstract; figures 2-4 * ----- | 1 | |
| | | | TECHNICAL FIELDS SEARCHED (Int. Cl.5) |
| | | | B30B |
| The present search report has been drawn up for all claims | | | |
| Place of search | Date of completion of the search | Examiner | |
| THE HAGUE | 20 NOVEMBER 1992 | VOUTSADOPoulos K. | |
| CATEGORY OF CITED DOCUMENTS | | T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document | |
| X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document | | | |