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(72) Inventor: **Belluzzi, Dante**  
**40132 Bologna (IT)**

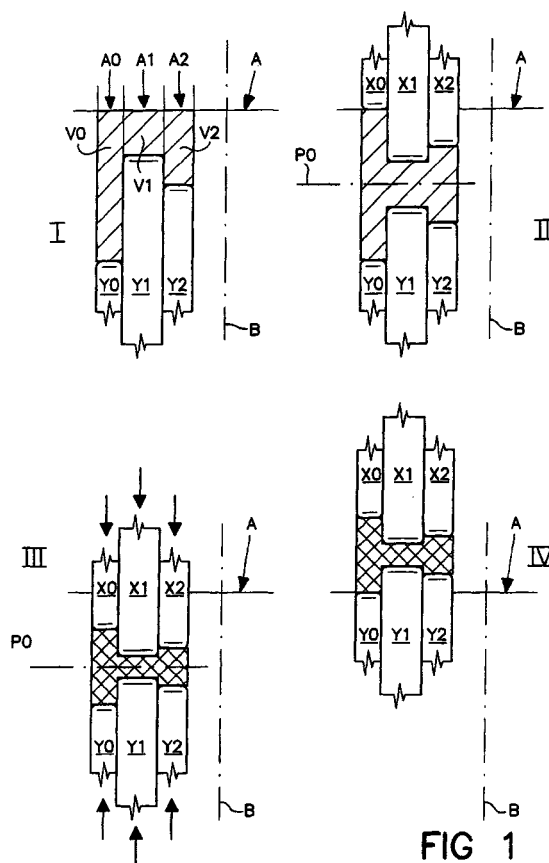
(74) Representative: **Modiano, Guido, Dr.-Ing. et al**  
**Modiano & Associati SpA**  
**Via Meravigli, 16**  
**20123 Milano (IT)**

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(71) Applicant: **MATRIX S.r.l.**  
**40132 Bologna (IT)**

(54) **Method and press for uniform pressing and compaction of parts**

(57) A method for uniform pressing and compaction of parts, comprising a first step (I), in which the powders to be pressed are loaded into the mold, with the lower male plugs (Y0,Y1,Y2) arranged in a preset position with respect to the upper surface (A) of the central female mold part, so as to form containment volumes (V0,V1,V2) for the powder to be pressed in each region of the part; a second step (II), in which the upper male plugs (X) are made to descend at a substantially low pressure until they make contact with the powder deposited in the female mold part and then each individual region of the lower male plugs descends synchronously with the upper male plugs in order to arrange the centerline planes of each individual region on a same plane, which will be the horizontal plane of symmetry of the finished part; a third step (III), in which the pressure increases gradually and the male plugs of the pairs of male plugs of each region move symmetrically toward each other with respect to the horizontal plane of symmetry of the part until final compaction occurs.





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The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 20 February 2004	Examiner Belibel, C
CATEGORY OF CITED DOCUMENTS 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 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			

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**ANNEX TO THE EUROPEAN SEARCH REPORT  
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