

Title (en)

INSTALLATION FOR THE PRODUCTION OF A SOLID PRODUCT FROM A POWDERED MATERIAL

Title (de)

ANLAGE ZUR HERSTELLUNG EINES FESTEN PRODUKTES AUS EINEM PULVERFÖRMIGEN ROHSTOFF

Title (fr)

INSTALLATION POUR LA REALISATION D'UN PRODUIT SOLIDE A PARTIR D'UN MATERIAU PULVERULENT

Publication

EP 1631447 A1 20060308 (FR)

Application

EP 04742794 A 20040519

Priority

- FR 2004001251 W 20040519
- FR 0306032 A 20030520

Abstract (en)

[origin: FR2855094A1] A machine for manufacturing solid products comprises a feed system for a powdered material, a matrix to receive the material and upper (8) and lower (9) dies controlled by cams (12, 24) with synchronized rotation. A machine for manufacturing solid products comprises a feed system for a powdered material, a matrix to receive the material and upper (8) and lower (9) dies controlled by cams (12, 24) with synchronized rotation. At least one of the cams, i.e. the upper one (24) has a deformable outer surface that allows it to impart particular movements to the lower die (9) on the level of the matrix, especially to promote the ejection of a solid product from the matrix on completion. The lower cam can also have a deformable surface, designed to give a pre-compression phase.

IPC 1-7

B30B 1/26; **B30B 1/28**; **B30B 11/02**; **F16H 53/04**

IPC 8 full level

B30B 1/26 (2006.01); **B30B 1/28** (2006.01); **B30B 11/02** (2006.01); **B30B 11/04** (2006.01); **B30B 15/30** (2006.01); **F16H 53/04** (2006.01)

CPC (source: EP US)

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Citation (search report)

See references of WO 2004103689A1

Citation (examination)

- DE 188949 C
- GB 1031925 A 19660602 - MARLEN EQUIPMENT COMPANY

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DOCDB simple family (publication)

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DOCDB simple family (application)

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