

Title (en)

A METHOD FOR COMPACTING POWDERS, AND A RELATIVE APPARATUS

Title (de)

VERFAHREN UND VORRICHTUNG ZUM VERDICHTEN VON PULVERFÖRMIGEN STOFFEN

Title (fr)

PROCEDE DE COMPACTAGE DE POUDRES ET APPAREIL ASSOCIE

Publication

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Application

EP 95940213 A 19951120

Priority

- EP 9504560 W 19951120
- IT MO940159 A 19941122

Abstract (en)

[origin: WO9615888A1] A method for compacting powders comprises forming a layer (8, 8a) of powders on conveying means (2) which conveys it to a die (9), isolating a portion of said layer (8, 8a) inside a frame (11) of said die (9), by bringing said frame (11) adjacent to said conveying means (2), and compacting the portion of said layer (8, 8a) isolated by said frame (11), by means of a punch (10) of said die, descending inside said frame (11); an apparatus for forming ceramic articles comprises conveying means (2) for conveying a layer of powders (8, 8a) to a die (9), said die (9) comprising a punch (10) movable in a substantially orthogonal direction to said layer (8, 8a), associated with a relative cross-member (62) to cause the pressing of the powders and a frame (11), movable in a substantially orthogonal direction to said layer (8, 8a) independently of said punch (10), inwardly slidably engageable with said punch, serving as isolating means for isolating a portion of said layer (8, 8a) on said conveying means (2).

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Cited by

EP4163070A1; ITUA20161432A1; IT202200005531A1; IT202000018652A1; IT202100007613A1; EP3909734A1; EP3915745A1; US11020875B2; WO2017153913A1; WO2019092628A1; WO2022023856A1; EP3377284B1; WO2022208235A1

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