

Title (en)

Set of strata, mould, methods for producing said model and for manufacturing a part using said model

Title (de)

Schichteinheit, Modell, Herstellungsverfahren dieses Modells sowie Herstellungsverfahren eines Werkstücks aus diesem Modell

Title (fr)

Ensemble de strates, moule, procédés de confection de ce modèle et de fabrication d'une pièce à partir de ce modèle

Publication

**EP 2397245 B1 20181121 (FR)**

Application

**EP 11166679 A 20110519**

Priority

FR 1054148 A 20100528

Abstract (en)

[origin: EP2397245A1] The set of layers comprises a first layer (10), and a second layer to be stacked on the first layer in a direction of stacking. The first layer includes three non-functional projections (20, 21, 22) that extend in the direction of stacking and along non-colinear axis, and a functional projection (16, 18) with shield, where the functional projection is in contact with a refractory material when the two layers are stacked. The second layer comprises a recess capable of completely covering the non-functional projections when the two layers are stacked. The set of layers comprises a first layer (10), and a second layer to be stacked on the first layer in a direction of stacking. The first layer includes three non-functional projections (20, 21, 22) that extend in the direction of stacking and along non-colinear axis, and a functional projection (16, 18) with shield, where the functional projection is in contact with a refractory material when the two layers are stacked. The second layer comprises a recess capable of completely covering the non-functional projections when the two layers are stacked so as to prevent contact between the non-functional projection and the refractory material. A height of the non-functional projection in the direction of stacking is greater than a height of the functional projection in the same direction of stacking. Independent claims are included for: (1) a non-permanent mold; and (2) a process for making a model for manufacturing a part by a non-permanent mold made of refractory material.

IPC 8 full level

**B22C 7/02** (2006.01)

CPC (source: EP)

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Cited by

FR3051129A1; FR3098422A1; EP2949409A1

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