

Title (en)

EXTRUDING DIES AND METHOD OF EXTRUDING CERAMIC HONEYCOMB STRUCTURAL BODIES BY USING SUCH EXTRUDING DIES

Publication

**EP 0294106 A3 19891025 (EN)**

Application

**EP 88304789 A 19880526**

Priority

JP 13660387 A 19870530

Abstract (en)

[origin: EP0294106A2] A die for extruding ceramic honeycomb structural bodies, which each contains at least two through holes with partition walls having a plurality of different thicknesses, comprises shaping channels corresponding to a sectional configuration of the ceramic honeycomb structural bodies, and ceramic body feed holes (3), communicating with the shaping channels (2) at intersecting portions or annular shaping channels portions. The hydraulic diameter of the ceramic body feed holes (3b,3c,3d) communicating with the shaping channels (2b, 2c,2d) producing the thinner partition walls is greater than that of the ceramic body feed holes (3a,3e) communicating with the shaping channels (2a,2c) producing the thicker partition walls. Communicating paths of the ceramic body feed holes (3a,3e) which communicate with the shaping channels (2a,2e) producing the thicker partition walls are bent. This improves the adhesion within the ceramic body.

IPC 1-7

**B28B 3/20**; **B28B 3/26**

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**B28B 3/26** (2006.01); **B28B 3/20** (2006.01)

CPC (source: EP)

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