

Title (en)

Method for making articles having a cavity by compression.

Title (de)

Verfahren zum Herstellen von Gegenständen mit einem Hohlraum durch Pressen.

Title (fr)

Procédé de fabrication de pièces présentant une cavité par pressage.

Publication

EP 0429367 B1 19940406 (FR)

Application

EP 90403305 A 19901122

Priority

FR 8915479 A 19891124

Abstract (en)

[origin: EP0429367A1] Method of making articles, in particular from ceramic, having a cavity by pressing closed covers (1). <??>The core (2) used for delimiting the cavity and avoiding subsequent machining is initially more voluminous than the desired cavity and has a sufficient ductility for it to be partially extruded during the pressing. This prevents the often excessive mechanical stresses which can burst the densified article when the cover (1) is removed. <??>Application in particular for the isostatic hot pressing of fragile materials. <IMAGE>

IPC 1-7

B30B 11/00; **B22F 3/12**

IPC 8 full level

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CPC (source: EP US)

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EP 0429367 A1 19910529; **EP 0429367 B1 19940406**; DE 69007939 D1 19940511; DE 69007939 T2 19941020; FR 2654973 A1 19910531; FR 2654973 B1 19920207; JP H03174945 A 19910730; US 5092023 A 19920303

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