

Title (en)
EXTRUSION

Publication
EP 0045564 A3 19820421 (EN)

Application
EP 81302995 A 19810701

Priority
GB 8024695 A 19800729

Abstract (en)
[origin: EP0045564A2] Extrusion, especially of an aqueous ceramic compositions, is carried out under the influence of mechanical vibrations, preferably at ultrasonic frequencies in the range 15000 - 25000 Hz. This has advantages such as increasing the rate of extrusion at a given level of motive power or decreasing the extent to which compositions need to be preconsolidated before extrusion. Application of vibrations to the extrusion die facilitates cleaning after use. Extrudates can be cut cleanly by applying the vibrations to a cutting tool.

IPC 1-7
B28B 3/20; **B28B 17/00**; **B28B 11/16**

IPC 8 full level
B28B 3/20 (2006.01); **B28B 7/38** (2006.01); **B28B 11/16** (2006.01); **B29B 7/00** (2006.01); **B29C 47/00** (2006.01); **B29C 47/18** (2006.01); **B29C 47/38** (2006.01); **B29C 47/54** (2006.01); **B29C 48/315** (2019.01); **B29C 48/395** (2019.01)

CPC (source: EP)
B28B 3/205 (2013.01); **B28B 7/386** (2013.01); **B28B 11/16** (2013.01)

Citation (search report)
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Designated contracting state (EPC)
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EP 81302995 A 19810701; DK 330881 A 19810724; JP 11759681 A 19810727