

Title (en)

MULTIPHASE CERAMIC COMPONENTS PRODUCED BY REACTION INJECTION MOLDING.

Title (de)

MULTIPHASENKERAMIKBAUTEILE HERGESTELLT MITTELS REAKTIONSSPRITZGUSS.

Title (fr)

COMPOSANTS EN CERAMIQUE A PHASES MULTIPLES PRODUITS PAR MOULAGE PAR INJECTION PAR REACTION.

Publication

**EP 0674606 A1 19951004 (EN)**

Application

**EP 94904886 A 19931221**

Priority

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Abstract (en)

[origin: WO9414725A1] A reaction injection molding process for preparing ceramics having at least two compositionally distinct ceramic phases is disclosed. For example, block copolymers prepared from an aluminum-nitrogen polymer and a polysilazane are filled with a ceramic powder, a metal powder or mixtures thereof and cured in the mold. An AlN/SiC-containing ceramic is formed by pyrolysis of the molded articles in a nonoxidizing atmosphere.

IPC 1-7

**C04B 35/56**; C04B 35/58; C04B 35/00

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

See references of WO 9414725A1

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