

Title (en)

AN INFILTRATED ARTICLE PREPARED FROM PARTICLES COVERED WITH WATER GLASS

Title (de)

INFILTRIERTER ARTIKEL, DER MIT WASSERGLASBESCHICHTETEN PARTIKELN HERGESTELLT IST

Title (fr)

ARTICLE INFILTRE PRODUIT A L'AIDE DE PARTICULES ENROBEES DE VERRE SOLUBLE

Publication

EP 1089841 A1 20010411 (EN)

Application

EP 99917803 A 19990505

Priority

- DK 9900248 W 19990505
- DK 63998 A 19980511

Abstract (en)

[origin: WO9958268A1] An article prepared from particles covered with a layer of water glass is disclosed, wherein the water glass has a weight module between 1.8 and 3.5 and the article is infiltrated. The infiltration of the article results in an enhanced strength. Furthermore, a process for the preparation of an article is disclosed, wherein a green article is infiltrated by allowing a liquid material to be absorbed and subsequently solidified.

IPC 1-7

B22C 1/18; **B29C 45/26**

IPC 8 full level

B22C 1/00 (2006.01); **B22C 1/18** (2006.01); **C04B 20/10** (2006.01); **C04B 28/26** (2006.01); **C04B 38/00** (2006.01); **C04B 41/52** (2006.01); **C04B 41/70** (2006.01)

CPC (source: EP)

B22C 1/00 (2013.01); **B22C 1/188** (2013.01); **C04B 20/1085** (2013.01); **C04B 28/26** (2013.01); **C04B 38/0038** (2013.01); **C04B 41/009** (2013.01); **C04B 41/52** (2013.01); **C04B 41/70** (2013.01); **C04B 2111/0087** (2013.01); **C04B 2111/00939** (2013.01)

Citation (search report)

See references of WO 9958268A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

WO 9958268 A1 19991118; AU 3595499 A 19991129; DK 173646 B1 20010521; DK 63998 A 19991112; EP 1089841 A1 20010411; NO 20005645 D0 20001108; NO 20005645 L 20010111

DOCDB simple family (application)

DK 9900248 W 19990505; AU 3595499 A 19990505; DK 63998 A 19980511; EP 99917803 A 19990505; NO 20005645 A 20001108