

Title (en)  
METHOD FOR MANUFACTURING A CERAMIC ARTICLE AND ARTICLE FORMED THEREBY

Title (de)  
EIN KERAMISCHER ARTIKEL UND VERFAHREN ZU DESSEN HERSTELLUNG

Title (fr)  
PROCEDE DE PRODUCTION D'UN PRODUIT CERAMIQUE ET PRODUIT AINSI OBTENU

Publication  
**EP 1569878 A1 20050907 (EN)**

Application  
**EP 03735848 A 20030630**

Priority  
• GB 0302813 W 20030630  
• GB 0215037 A 20020628

Abstract (en)  
[origin: WO2004002919A1] The invention relates to a method for manufacturing a ceramic article and to an article formed thereby. Such articles include items such as sinks, baths, and shower trays. Traditionally the manufacture of sanitaryware has been an energy intensive process. Increasing commercial and environmental demands are drivers to reduce energy requirements. It is also desirable to reduce the generation of greenhouse gasses, such as carbon dioxide (CO<sub>2</sub>) and carbon monoxide (CO). The invention overcomes problems associated with prior art processes by providing a method for manufacturing a ceramic article comprising the steps of: producing a slip including filler and clay, and a fluxing agent; forming the slip into pieces; allowing the pieces to dewater; and firing said pieces so as to produce finished ceramic articles, characterised in that the fluxing agent includes milled glass derived from recovered glass containers. The use of milled glass has been found to reduce the temperature at which articles have to be fired. This reduces energy costs and lowers emissions.

IPC 1-7  
**C04B 33/24**; **C04B 33/28**; **C04B 33/13**

IPC 8 full level  
**C04B 33/13** (2006.01); **C04B 33/32** (2006.01)

CPC (source: EP)  
**C04B 33/13** (2013.01); **C04B 33/30** (2013.01); **C04B 33/32** (2013.01); **C04B 35/62625** (2013.01); **C04B 35/62655** (2013.01); **C04B 35/6303** (2013.01); **C04B 2235/3201** (2013.01); **C04B 2235/3203** (2013.01); **C04B 2235/3418** (2013.01); **C04B 2235/3427** (2013.01); **C04B 2235/3454** (2013.01); **C04B 2235/3463** (2013.01); **C04B 2235/3472** (2013.01); **C04B 2235/349** (2013.01); **C04B 2235/36** (2013.01); **C04B 2235/5436** (2013.01); **C04B 2235/61** (2013.01); **C04B 2235/656** (2013.01); **C04B 2235/72** (2013.01); **C04B 2235/77** (2013.01); **C04B 2235/96** (2013.01); **C04B 2235/9615** (2013.01)

Citation (search report)  
See references of WO 2004002919A1

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)  
**WO 2004002919 A1 20040108**; AU 2003236928 A1 20040119; EP 1569878 A1 20050907; GB 0215037 D0 20020807

DOCDB simple family (application)  
**GB 0302813 W 20030630**; AU 2003236928 A 20030630; EP 03735848 A 20030630; GB 0215037 A 20020628