

Title (en)

METHOD FOR DETERMINING SINTERING SHRINKAGE OF A PRESINTERED BODY

Title (de)

VERFAHREN ZUM BESTIMMEN DES SINTERSCHWUNDS EINES VORGESINTERTEN KÖRPERS

Title (fr)

PROCÉDÉ POUR DÉTERMINER LE RETRAIT DE FRITTAGE D'UN CORPS PRÉFRITTÉ

Publication

EP 2091462 A2 20090826 (DE)

Application

EP 07819599 A 20071105

Priority

- EP 2007009578 W 20071105
- DE 102006052027 A 20061103

Abstract (en)

[origin: WO2008052807A2] The invention relates to a method for determining sinter shrinkage of a presintered body, wherein a green body is provided with at least one form characteristic. According to the invention, the green body is presintered to a white body, a change of the form characteristic is detected during the presintering and the expected sinter shrinkage is determined on the basis of the detected change.

IPC 8 full level

A61C 13/00 (2006.01); **B28B 17/00** (2006.01); **C04B 35/64** (2006.01); **G16Z 99/00** (2019.01)

CPC (source: EP US)

A61C 13/0004 (2013.01 - EP US); **A61C 13/0022** (2013.01 - EP US); **B28B 17/0072** (2013.01 - EP US); **B28B 23/0031** (2013.01 - EP US); **C04B 35/111** (2013.01 - EP US); **C04B 35/486** (2013.01 - EP US); **C04B 35/64** (2013.01 - EP US); **G16Z 99/00** (2019.01 - EP US); **C04B 2235/765** (2013.01 - EP US); **C04B 2235/945** (2013.01 - EP US); **C04B 2235/9615** (2013.01 - EP US); **G16H 20/40** (2017.12 - US)

Citation (search report)

See references of WO 2008052807A2

Citation (examination)

- DE 19511396 A1 19961002 - WOHLWEND ARNOLD [CH]
- US 5460776 A 19951024 - ACKERMANN LUC [FR], et al
- US 2543235 A 19510227 - DREYER EDWARD L, et al
- US 2769611 A 19561106 - PAUL SCHWARZKOPF

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

DE 102006052027 A1 20080508; **DE 102006052027 B4 20090625**; BR PI0718122 A2 20131126; EP 2091462 A2 20090826; US 2009273108 A1 20091105; US 8366978 B2 20130205; WO 2008052807 A2 20080508; WO 2008052807 A3 20080918

DOCDB simple family (application)

DE 102006052027 A 20061103; BR PI0718122 A 20071105; EP 07819599 A 20071105; EP 2007009578 W 20071105; US 51312907 A 20071105