

Title (en)

DEVICE AND METHOD FOR PRODUCING COMPONENTS HAVING AT LEAST ONE CONTINUOUS PROPERTY CHANGE

Title (de)

VORRICHTUNG UND VERFAHREN ZUM HERSTELLEN VON BAUTEILEN MIT ZUMINDEST EINER KONTINUIERLICHEN EIGENSCHAFTSÄNDERUNG

Title (fr)

DISPOSITIF ET PROCÉDÉ DE FABRICATION D'ÉLÉMENTS CONSTITUTIFS PRÉSENTANT AU MOINS UNE MODIFICATION DE CARACTÉRISTIQUE CONTINUE

Publication

EP 3263301 B1 20230125 (DE)

Application

EP 17178647 A 20120525

Priority

- DE 102011102337 A 20110525
- EP 12724912 A 20120525
- EP 2012002255 W 20120525

Abstract (en)

[origin: WO2012159770A1] The invention relates to an apparatus for producing at least one concrete component, minerally bound component, component containing inorganic material and/or component bonded by means of a binder. The apparatus comprises at least two metering devices (10), wherein at least one of the at least two metering devices (10) is configured for metering material for forming the component and at least one other of the at least two metering devices (10) is configured for adjustably metering material for forming the component. The apparatus further comprises at least one feed device (30) which is arranged downstream of the at least two metering devices (10) and is configured for supplying material to produce the component and to provide the component with at least one continuous or approximately continuous property change in at least one direction in space. The invention further comprises a corresponding process for producing the component and a component which is produced by such a process.

IPC 8 full level

B28B 1/00 (2006.01); **B28B 13/02** (2006.01); **B28B 17/00** (2006.01); **B28C 5/06** (2006.01); **B28C 7/04** (2006.01)

CPC (source: CN EP)

B28B 1/001 (2013.01 - CN EP); **B28B 1/008** (2013.01 - CN EP); **B28B 13/022** (2013.01 - CN EP); **B28B 17/0081** (2013.01 - CN EP); **B28C 5/06** (2013.01 - CN EP); **B28C 7/0418** (2013.01 - CN EP)

Citation (examination)

- WO 2007056353 A2 20070518 - UNIV SOUTHERN CALIFORNIA [US], et al
- JP 2001140593 A 20010522 - NISHIMATSU CONSTR CO LTD, et al

Cited by

WO2022106641A1; DE102020214655A1; DE102020214655B4; DE102020214655B9

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

DE 102011102337 A1 20121129; CN 103561923 A 20140205; CN 103561923 B 20170531; EP 2714352 A1 20140409; EP 2714352 B1 20170705; EP 3263301 A1 20180103; EP 3263301 B1 20230125; EP 4169686 A1 20230426; RU 2013157585 A 20150627; WO 2012159770 A1 20121129

DOCDB simple family (application)

DE 102011102337 A 20110525; CN 201280025358 A 20120525; EP 12724912 A 20120525; EP 17178647 A 20120525; EP 2012002255 W 20120525; EP 22214921 A 20120525; RU 2013157585 A 20120525