

Title (en)  
CASTING CORE FOR CASTING MOULDS, AND METHOD FOR THE PRODUCTION THEREOF

Title (de)  
GIESSKERN FÜR GIESSFORMEN SOWIE VERFAHREN ZU DESSEN HERSTELLUNG

Title (fr)  
NOYAU DE COULÉE POUR MOULES DE FONDERIE ET PROCÉDÉ DE FABRICATION

Publication  
**EP 3852951 A1 20210728 (DE)**

Application  
**EP 19773055 A 20190919**

Priority  
• DE 102018215957 A 20180919  
• EP 2019075170 W 20190919

Abstract (en)  
[origin: WO2020058402A1] The present invention relates to a casting core for casting moulds, the casting core comprising an inner core and an outer core arranged around the inner core. The outer core contains or consists of ceramic particles bound with a binder. The inner core contains ceramic particles bound with a binder and additionally one or more placeholder elements. The placeholder element(s) is/are at least partially thermally decomposable. The present invention also relates to a method for producing the casting core according to the invention and to the use of the casting core according to the invention.

IPC 8 full level  
**B22C 1/18** (2006.01); **B22C 1/20** (2006.01); **B22C 9/10** (2006.01)

CPC (source: EP US)  
**B22C 1/181** (2013.01 - EP US); **B22C 1/185** (2013.01 - EP US); **B22C 1/186** (2013.01 - EP US); **B22C 1/20** (2013.01 - EP US); **B22C 9/10** (2013.01 - EP US)

Citation (search report)  
See references of WO 2020058402A1

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

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**DE 102018215957 A1 20200319**; CN 112739476 A 20210430; CN 112739476 B 20230328; EP 3852951 A1 20210728; US 11590564 B2 20230228; US 2021213514 A1 20210715; WO 2020058402 A1 20200326

DOCDB simple family (application)  
**DE 102018215957 A 20180919**; CN 201980061447 A 20190919; EP 19773055 A 20190919; EP 2019075170 W 20190919; US 201917250827 A 20190919