

Title (en)
METHOD FOR PRODUCING A SINTERED COMPONENT

Title (de)
VERFAHREN ZUR HERSTELLUNG EINES SINTERBAUTEILS

Title (fr)
PROCÉDÉ DE FABRICATION D'UN ÉLÉMENT FRITTÉ

Publication
EP 4168195 A1 20230426 (DE)

Application
EP 20739868 A 20200623

Priority
EP 2020067470 W 20200623

Abstract (en)
[origin: WO2021259455A1] The invention relates to a method for producing a sintered component having a free volume, comprising the method steps of: - filling at least one sinter powder into a mold, - pressing the sinter powder and subsequent sintering, wherein an insert material specifying the free volume is present in the pressed sinter powder, said insert material being removed by a thermal process.

IPC 8 full level
B22F 3/10 (2006.01); **B22F 5/10** (2006.01)

CPC (source: EP)
B22F 3/1021 (2013.01); **B22F 5/10** (2013.01); **B22F 2005/103** (2013.01); **B22F 2998/10** (2013.01)

Citation (search report)
See references of WO 2021259455A1

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

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
WO 2021259455 A1 20211230; EP 4168195 A1 20230426

DOCDB simple family (application)
EP 2020067470 W 20200623; EP 20739868 A 20200623