

Title (en)
METHOD FOR SINTERING A WORKPIECE

Title (de)
VERFAHREN ZUM SINTERN EINES WERKSTÜCKS

Title (fr)
PROCÉDÉ DE FRITTAGE D'UNE PIÈCE

Publication
EP 2900405 B1 20200506 (DE)

Application
EP 13759113 A 20130814

Priority
• DE 102012019159 A 20120927
• AT 2013000133 W 20130814

Abstract (en)
[origin: WO2014047664A1] The invention relates to a method for sintering at least one workpiece (1), in particular a dental workpiece, using a protective gas atmosphere in a sintering chamber (2), wherein during the sintering process the workpiece (1) is supported in the sintering chamber (2) by a supporting material (3). Ceramic supporting grains (4) together with at least one additional material (5) for reducing the oxygen content in the sintering chamber (2) are used as the supporting material (3).

IPC 8 full level
B22F 3/10 (2006.01)

CPC (source: EP)
B22F 3/10 (2013.01); **B22F 2003/1014** (2013.01)

Citation (examination)
• EP 0480107 A1 19920415 - SUMITOMO METAL MINING CO [JP]
• US 4724121 A 19880209 - WEYAND JOHN D [US]
• JP S60224702 A 19851109 - HONDA MOTOR CO LTD

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 102012019159 A1 20140327; EP 2900405 A1 20150805; EP 2900405 B1 20200506; WO 2014047664 A1 20140403

DOCDB simple family (application)
DE 102012019159 A 20120927; AT 2013000133 W 20130814; EP 13759113 A 20130814