

Title (en)

COMPRESSIVE SINTERING APPARATUS COMPRISING PROTECTED OPPOSING RAMS

Title (de)

KOMPRESSIVE SINTERVORRICHTUNG MIT GESCHÜTZTEN GEGENÜBERLIEGENDEN STEMPELN

Title (fr)

APPAREIL DE FRITTAGE PAR COMPRESSION COMPRENANT DES MÂCHOIRES OPPOSÉES PROTÉGÉES

Publication

EP 3291935 A4 20181107 (EN)

Application

EP 16790063 A 20160505

Priority

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- US 2016030896 W 20160505

Abstract (en)

[origin: WO2016179352A1] A compressive sintering system is described that comprises a die set and a vacuum chamber into which the die set is placed. The die set comprises a die casing and opposing rams forming a die cavity loaded with material to be sintered and is configured to compress the material during sintering. At least one of the opposing rams comprises a surface protection layer, such as a faceplate, in contact with the material to be sintered.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

- [X1] CN 101505557 A 20090812 - UNIV SHENZHEN [CN]
- [X1] WO 2008085947 A1 20080717 - UNIV HOUSTON SYSTEM [US], et al
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- [X1] US 2013280520 A1 20131024 - PAN GUANG [US], et al
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- See references of WO 2016179352A1

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

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