

Title (en)

LOW-WARPAGE CERAMIC CARRIER PLATE AND METHOD FOR PRODUCTION

Title (de)

VERZUGSARME KERAMISCHE TRÄGERPLATTE UND VERFAHREN ZUR HERSTELLUNG

Title (fr)

PLAQUE DE SUPPORT CÉRAMIQUE ET PROCÉDÉ DE PRODUCTION

Publication

EP 3234957 A1 20171025 (DE)

Application

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Priority

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Abstract (en)

[origin: WO2016096870A1] The invention relates to a carrier plate, wherein a first ceramic functional layer is braced by a ceramic stressing layer (SPS) via a connecting layer (VS) in order to reduce the lateral sintering shrinkage. The functional layer (FS) and the stressing layer (SPS) are glass-free or have an only slight glass content of less than 5 wt%, while the connecting layer (VS) comprises a glass component or is a glass layer.

IPC 8 full level

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CPC (source: CN EP US)

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Citation (search report)

See references of WO 2016096870A1

Designated contracting state (EPC)

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DE 102014118749 A 20141216; CN 201580065212 A 20151215; EP 15817170 A 20151215; EP 2015079813 W 20151215; JP 2017531824 A 20151215; JP 2020126497 A 20200727; US 201515531361 A 20151215