

Title (en)

METHOD AND DEVICE FOR SINTERING ALUMINIUM BASED SINTERED PARTS

Title (de)

VERFAHREN ZUM SINTERN VON ALUMINIUM-BASIERTEN SINTERTEILEN SOWIE VORRICHTUNG ZUM SINTERN VON ALUMINIUM-BASIERTEN SINTERTEILEN

Title (fr)

PROCEDE ET DISPOSITIF POUR LE FRITTAGE DE PIECES FRITTEES A BASE D'ALUMINIUM

Publication

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Application

EP 01956435 A 20010512

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- EP 0105443 W 20010512

Abstract (en)

[origin: US6821478B2] The invention relates to a method for sintering aluminium-based sintered parts which are, initially, guided with the aid of a transport system T through a de-binding area (3) before being guided through followed by a sintering area (2) and finally being guided through a cooling area (4). Inert gas atmosphere prevails in the sintering area (2), provided with an oxygen content, corresponding to a thawing point of, maximum, 40° C. The sintered parts (23) are heated to the required sintering temperature of 560-620° C., by means of convection, whereby the inert gas atmosphere is accordingly heated, flowing around said sintered parts in a corresponding manner.

IPC 1-7

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C-Set (source: EP US)

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