

Title (en)
PROCESS FOR PRESSURE-SINTERING ALUMINIUM ALLOY POWDER

Publication
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Application
EP 84420041 A 19840308

Priority
FR 8304343 A 19830310

Abstract (en)
[origin: US4534937A] This invention relates to a process for sintering aluminum alloy powders under pressure. It consists in placing the powder in a capsule, in coating the capsule with an easily melted, stable vitreous material with a viscosity between 102 and 105 poises at the sintering temperature and in pressing it in a unidirectional press. It applies, in powder metallurgy, to the obtaining of castings that exhibit homogeneous mechanical properties, these castings being able to be roughcasts or finished castings.

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B22F 3/14; **C22C 1/04**

IPC 8 full level
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