

Title (en)

PROCESS FOR PRESSURE-SINTERING ALUMINIUM ALLOY POWDER

Publication

EP 0119939 B1 19860820 (FR)

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.

IPC 1-7

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IPC 8 full level

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