

Title (en)

PROCESS FOR MAKING COMPOSITE BEARING MATERIAL AND BEARING MATERIAL PRODUCED THEREBY

Publication

**EP 0306495 B1 19910123 (EN)**

Application

**EP 87903629 A 19870518**

Priority

US 86823686 A 19860528

Abstract (en)

[origin: WO8707308A2] A process for making a composite bearing material comprising a steel backed, prealloyed, lead-bronze sintered powder metal matrix whereby the first sinter step includes induction heating the prealloyed powder and steel backing to about 650 DEG C and thereafter sintering the same at temperatures of about 850 DEG C in a second sintering furnace. A composite bearing material made by the same process and comprising a lead particle size averaging less than about 8 microns and having no lead islands larger than about 44 microns.

IPC 1-7

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IPC 8 full level

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CPC (source: EP KR)

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**US 8701139 W 19870518**; BR 8707706 A 19870518; EP 87903629 A 19870518; ES 8701571 A 19870528; JP 50322487 A 19870518; KR 870701202 A 19871219