

Title (en)  
LOW COST BRONZE POWDER FOR HIGH PERFORMANCE BEARINGS

Title (de)  
KOSTENGERINGES BRONZEPULVER FÜR HOCHLEISTUNGSLAGER

Title (fr)  
POUDRE DE BRONZE ÉCONOMIQUE DESTINÉE À DES PALIERS

Publication  
**EP 1993760 A2 20081126 (EN)**

Application  
**EP 07752123 A 20070228**

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- US 71068807 A 20070226

Abstract (en)  
[origin: WO2007103193A2] The present invention provides a new process for making a low cost powder for the manufacture of high performance bearings. Improved powders and sintered parts (e.g., bearings) are also provided. The powders of the present invention are formed by blending iron powder with fine cuprous oxide powder and elemental tin powder. The blended powders are then thermally treated under a reducing atmosphere to form a sintered cake, which is milled to a powder.

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