

Title (en)

Wear-resistant sintered ferrous alloy and method of producing same.

Title (de)

Verschleissfeste Sinterlegierung auf Eisenbasis und Verfahren zu ihrer Herstellung.

Title (fr)

Alliage ferreux fritté, résistant à l'usure et procédé pour sa fabrication.

Publication

EP 0099067 A2 19840125 (EN)

Application

EP 83106624 A 19830706

Priority

JP 11864782 A 19820709

Abstract (en)

A sintered ferrous alloy high in wear resistance and suitable for parts subjected to rubbing friction such as rocker arm tips. The alloy is produced by compacting and sintering a powder mixture of 16-50 parts by weight of a Fe-Cr-B alloy powder, which contains 10-35% of Cr and 1.0-2.5% of B, 1.0-3.5 parts by weight of graphite powder and 46.5-83 parts by weight of either a Fe-P alloy powder or a mixture of a Fe-P alloy powder and an iron powder. The powder mixture is prepared so as to contain 0.2-1.0% by weight of P.

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C22C 33/02

IPC 8 full level

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CPC (source: EP)

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