

Title (en)
WEAR-RESISTANT SLIDING MEMBER

Title (de)
VERSCHLEISSFESTES GLEITELEMENT

Title (fr)
ELEMENT COULISSANT RESISTANT A L'USURE

Publication
EP 1375695 A1 20040102 (EN)

Application
EP 02703886 A 20020222

Priority
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Abstract (en)
A wear-resistant sliding member (10) which comprises a base metal (M) and a sprayed coating (C) formed by thermally spraying a mixed powder comprising, by mass, 30 to 70% of a molybdenum powder, 10 to 40% of a nickel-chrome alloy powder, 5 to 40% of a ceramics powder, and 2 to 15% of a solid lubricant onto a sliding surface of the base metal. The wear-resistant sliding member is excellent in wear-resistance and resistance to scuffing, and thus can be utilized in a large-sized marine diesel engine, which is used under severe conditions. <IMAGE>

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C23C 4/04

IPC 8 full level
C23C 4/04 (2006.01); **F02F 1/00** (2006.01); **C23C 4/06** (2006.01); **C23C 4/10** (2006.01); **F02F 5/00** (2006.01); **F16J 9/26** (2006.01)

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C23C 4/04 (2013.01 - EP KR); **C23C 4/06** (2013.01 - EP)

Cited by
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