

Title (en)
WEAR-RESISTANT SLIDING MEMBER

Title (de)
VERSCHLEISSFESTES GLEITELEMENT

Title (fr)
ELEMENT COULISSANT RESISTANT A L'USURE

Publication
EP 1375695 B1 20081112 (EN)

Application
EP 02703886 A 20020222

Priority
• JP 0201600 W 20020222
• JP 2001055162 A 20010228

Abstract (en)
[origin: EP1375695A1] 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>

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)

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

Cited by
EP2590767A4; EP1600523A1; WO2015001035A1; US7648773B2; US7438979B2; EP3169757B1

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GB NL

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