

Title (en)

Bulk compound for protection against hardening for the selective carburizing of metallic workpieces

Title (de)

Härtenschutzmassen für das selektive Aufkohlen von metallischen Bauteilen

Title (fr)

Composé en vrac protégeant du durcissement pour la carburation sélective de pièces métalliques

Publication

**EP 1180551 A3 20060503 (DE)**

Application

**EP 01117998 A 20010725**

Priority

DE 10038447 A 20000807

Abstract (en)

[origin: EP1180551A2] Hardening protective mass based on materials forming boron glass contains magnesium-silicon compounds as additive. Preferred Features: The materials forming boron glass and the magnesium-silicon compounds are present in the ratio of 2-100: 1, preferably 10: 1. The magnesium-silicon compounds are magnesium silicates such as magnesium orthosilicate, magnesium metasilicate, magnesium trisilicate or talc. The materials forming boron glass are selected from boric acid, boron oxide, alkali borate and alkaline earth borate.

IPC 8 full level

**C09D 7/12** (2006.01); **C23C 8/04** (2006.01); **C09D 201/00** (2006.01)

CPC (source: EP US)

**C23C 8/04** (2013.01 - EP US)

Citation (search report)

- [X] EP 0867524 A1 19980930 - NARD INSTITUTE LTD [JP], et al
- [A] US 1366305 A 19210118 - SAMUEL WHYTE

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

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**EP 01117998 A 20010725**; AT 01117998 T 20010725; BR 0103204 A 20010803; CA 2354675 A 20010803; DE 10038447 A 20000807; DE 50115294 T 20010725; ES 01117998 T 20010725; JP 2001237601 A 20010806; PL 34906101 A 20010806; US 92294801 A 20010807