

Title (en)

INTERMETALLIC ALLOY, ITS PRODUCTION AND USE.

Title (de)

INTERMETALLISCHE LEGIERUNG, IHRE HERSTELLUNG UND VERWENDUNG.

Title (fr)

ALLIAGE INTERMETALLIQUE, SA FABRICATION ET SON EMPLOI.

Publication

**EP 0480975 B1 19940302 (DE)**

Application

**EP 90910657 A 19900629**

Priority

DE 3921709 A 19890701

Abstract (en)

[origin: WO9100370A1] Intermetallic alloys of approximate composition SiCrAl<sub>7</sub>?, in which a preponderant portion of the microstructure consists of one or more intermetallic phases or intermediate phases containing 8 to 12 wt.% of silicon, 15 to 20 wt.% of chromium, 64 to 72 wt.% of aluminium, including the usual accompanying elements, 0 to 5 wt.% of one or more additional alloying elements, chosen from silver, magnesium, vanadium, nickel and copper, and 0 to 1 wt.% of one or more other additional alloying elements, chosen from beryllium, boron, cerium, titanium and yttrium, can be produced by heat treating the alloys at temperatures above 820C. Their production and use are also described.

IPC 1-7

**C22C 21/00**; **C22C 21/02**

IPC 8 full level

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CPC (source: EP)

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- FR 2287467 A1 19760507 - EURANE EUROP POLYURETHAN [FR]

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