

Title (en)

Oxidation- and corrosion-resistant heat-resisting alloy, based on an intermetallic compound.

Title (de)

Oxydations- und korrosionsbeständige Hochtemperaturlegierung auf der Basis einer intermetallischen Verbindung.

Title (fr)

Alliage réfractaire, résistant à l'oxydation et à la corrosion, à base d'un composé intermétallique.

Publication

EP 0425972 B1 19940511 (DE)

Application

EP 90120262 A 19901022

Priority

CH 397689 A 19891103

Abstract (en)

[origin: EP0425972A1] Oxidation- and corrosion-resistant high-temperature alloy based on an intermetallic compound of the chromium silicide type, having the following composition: Si = 23 - 27 atom %, Mo = 5 - 20 atom %, W = 1 - 3 atom %, B = 0 - 1 atom %, Cr remainder The alloy has at least 90% by volume, based on the totality of intermetallic phases, of Cr₃Si and Mo₃Si. <IMAGE>

IPC 1-7

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IPC 8 full level

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CPC (source: EP)

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Cited by

US5330590A; US5718867A; WO9307302A1

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