

Title (en)

AUSTENITIC NICKEL/CHROME/COBALT/MOLYBDENUM/TUNGSTEN ALLOY AND USE THEREOF

Title (de)

AUSTENITISCHE NICKEL-CHROM-COBALT-MOLYBDÄN-WOLFRAM-LEGIERUNG UND DEREN VERWENDUNG

Title (fr)

ALLIAGE AUSTENITIQUE NICKEL-CHROME-COBALT-MOLYBDENE-TUNGSTENE ET SON UTILISATION

Publication

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Application

**EP 01972053 A 20010913**

Priority

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Abstract (en)

[origin: WO0234955A1] The invention relates to an austenitic nickel/chrome/cobalt/molybdenum/tungsten alloy, comprising (in mass %):carbon: 0.05 to 0.10 %; chromium: 21 to 23 %; cobalt: 10 to 15 %; molybdenum: 10 to 11 %; aluminium: 1.0 to 1.5 %; tungsten: 5.1 to 8.0 %; yttrium: 0.01 to 0.10 %; boron: 0.001 to 0.010 %; titanium: max. 0.50 %; silicon: max. 0.50 %; iron: max. 2 %; manganese: max. 0.5 %; nickel: remainder; including unavoidable impurities caused by the smelting process.

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