

Title (en)
HIGHLY CORROSION-RESISTANT AMORPHOUS NICKEL-BASED ALLOY.

Title (de)
HOCHKORROSIONSBESTÄNDIGE AMORPHE LEGIERUNG.

Title (fr)
ALLIAGE AMORPHE TRES RESISTANT A LA CORROSION.

Publication
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- JP 11393987 A 19870511
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Abstract (en)
[origin: WO8808885A1] A highly corrosion-resistant amorphous alloy containing 10 to 40 atom % of Ta and also Mo, Cr, W, P, B, Si, etc. is disclosed. This alloy can be produced by super-quenching and solidifying molten metal, and shows a good corrosion resistance in a high-temperature, conc. phosphoric acid, thus being suited to be used as the structural material of a plant where phosphoric acid is used and as the separator for fuel cells.

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Citation (examination)

- US 4133681 A 19790109 - RAY RANJAN
- US 4410490 A 19831018 - RAY RANJAN [US], et al

Cited by
EP0537710A1; US6303015B1; WO0131085A3

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