

Title (en)

Article coated with multilayer coating

Title (de)

Gegenstand überzogen mit Mehrschichtüberzügen

Title (fr)

Article revêtu avec un revêtement multicouche

Publication

EP 1010777 A3 20020731 (EN)

Application

EP 99123321 A 19991123

Priority

US 20191898 A 19981201

Abstract (en)

[origin: GB2344355A] An article has a coating comprising at least one nickel layer, a chrome layer, a layer comprised of titanium or titanium alloy, a layer comprised of titanium compound or titanium alloy compound, and a zirconium compound or zirconium alloy compound layer.

IPC 1-7

C25D 5/14; **C23C 28/02**

IPC 8 full level

C23C 28/00 (2006.01); **C25D 5/14** (2006.01)

CPC (source: EP US)

C23C 28/00 (2013.01 - EP); **C25D 5/14** (2013.01 - EP US); **C25D 5/611** (2020.08 - EP US); **C25D 5/627** (2020.08 - EP US)

Citation (search report)

- [A] EP 0875602 A1 19981104 - MASCO CORP [US]
- [A] EP 0875600 A1 19981104 - MASCO CORP [US]
- [A] EP 0875596 A1 19981104 - MASCO CORP [US]
- [A] US 5641579 A 19970624 - MOYSAN III STEPHEN R [US], et al
- [A] US 5626972 A 19970506 - MOYSAN III STEPHEN R [US], et al

Cited by

EP1624092A1; US7854831B2; CN102628156A; US7726121B2

Designated contracting state (EPC)

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

DOCDB simple family (publication)

GB 2344355 A 20000607; **GB 9927747 D0 20000126**; CA 2291363 A1 20000601; CN 1259589 A 20000712; EP 1010777 A2 20000621; EP 1010777 A3 20020731; FR 2786506 A1 20000602; NL 1013704 C1 20000606

DOCDB simple family (application)

GB 9927747 A 19991125; CA 2291363 A 19991130; CN 99120986 A 19991201; EP 99123321 A 19991123; FR 9915073 A 19991130; NL 1013704 A 19991130