

Title (en)

METHOD OF AND INSTALLATIONS FOR PRODUCING WIRES OF AMORPHOUS METALLIC ALLOYS

Publication

EP 0360104 B1 19930811 (FR)

Application

EP 89116705 A 19890909

Priority

FR 8812423 A 19880921

Abstract (en)

[origin: EP0360104A1] Method of and installation (20) for producing a wire (12) of an amorphous metallic alloy, which are characterised in that a jet (7) of alloy (4) which can be rendered amorphous and is molten is placed in contact with a gas (55) capable of reacting chemically with at least one of the constituents of the alloy (4) before the jet (7) reaches a cooling liquid (9), in such a way as to form a layer around the jet (7) which is capable of stabilising the latter. <??>Amorphous wires (12) produced with this method and this installation, articles reinforced by these wires. <IMAGE> <IMAGE> (see back)

IPC 1-7

B22D 11/00; **B22D 11/01**; **B22D 11/06**

IPC 8 full level

B22D 11/00 (2006.01); **B22D 11/01** (2006.01); **B22D 11/06** (2006.01)

CPC (source: EP KR US)

B22D 11/005 (2013.01 - EP US); **B22D 11/01** (2013.01 - KR); **B22D 11/06** (2013.01 - EP KR US)

Cited by

US5477910A; FR2672522A1; EP0502802A1; FR2673551A1; TR25618A; WO9213660A1

Designated contracting state (EPC)

AT BE CH DE ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)

EP 0360104 A1 19900328; **EP 0360104 B1 19930811**; AT E92805 T1 19930815; AU 4153389 A 19900329; AU 616305 B2 19911024; BR 8904774 A 19900501; CA 1336125 C 19950704; CN 1036570 C 19971203; CN 1041302 A 19900418; DE 68908310 D1 19930916; DE 68908310 T2 19931216; ES 2042916 T3 19931216; FR 2636552 A1 19900323; FR 2636552 B1 19901102; JP H02117752 A 19900502; KR 0125762 B1 19971226; KR 900004435 A 19900412; OA 09092 A 19911031; US 5000251 A 19910319

DOCDB simple family (application)

EP 89116705 A 19890909; AT 89116705 T 19890909; AU 4153389 A 19890920; BR 8904774 A 19890921; CA 612315 A 19890921; CN 89107397 A 19890920; DE 68908310 T 19890909; ES 89116705 T 19890909; FR 8812423 A 19880921; JP 24622189 A 19890921; KR 890013561 A 19890921; OA 59648 A 19890921; US 40786089 A 19890915