

Title (en)
Continuous extrusion apparatus.

Title (de)
Vorrichtung zum kontinuierlichen Strangpressen.

Title (fr)
Appareil d'extrusion continue.

Publication
EP 0202953 A2 19861126 (EN)

Application
EP 86303967 A 19860523

Priority
GB 8513158 A 19850524

Abstract (en)
Apparatus for the continuous extrusion of metal cladding 36 on to a thermally sensitive, continuous core 38 in which feed 34 is introduced into a circumferential groove 4 in a rotating wheel 2 to contact arcuate tooling 6 and an abutment. The feed is constrained by the abutment to flow through an orifice 8 to an extrusion chamber 10 around a hollow, open ended, portal mandrel 12 to extrude through an annular orifice 22. A shroud 26 of high thermal insulation properties, such as a braided glass fibre sleeve, is interposed between the interior of the cladding 36 and the core 32 and is of a thickness and length sufficient to limit to an acceptable rate transfer from the extruded cladding 36 of heat generated by extrusion to the temperature sensitive core 32.

IPC 1-7
B21C 23/24; **B21C 23/30**

IPC 8 full level
H01B 13/26 (2006.01); **B21C 23/00** (2006.01); **B21C 23/24** (2006.01); **B21C 23/30** (2006.01); **B21C 25/06** (2006.01)

CPC (source: EP)
B21C 23/005 (2013.01); **B21C 23/24** (2013.01); **B21C 23/30** (2013.01)

Cited by
CN107159730A; EA015142B1; EP3287253A1; US8061173B2; US7980110B2; WO2006043069A1; US8491744B2; US8281634B2; US7131308B2; WO2008028866A1

Designated contracting state (EPC)
AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)
EP 0202953 A2 19861126; **EP 0202953 A3 19890315**; GB 8513158 D0 19850626; JP S61276715 A 19861206

DOCDB simple family (application)
EP 86303967 A 19860523; GB 8513158 A 19850524; JP 11770286 A 19860523