

Title (en)

Method and apparatus for coating filaments.

Title (de)

Verfahren und Vorrichtung zum Ummanteln von Drähten.

Title (fr)

Méthode et appareil pour revêtir des fils.

Publication

**EP 0063963 A1 19821103 (EN)**

Application

**EP 82302193 A 19820428**

Priority

US 25869081 A 19810429

Abstract (en)

Apparatus for coating a filament (24) to make magnet wire includes a die block (64) with entrance and exit dies (61, 62) each having an entrance (80, 92), an exit (86, 96), and a throat (82, 93) the respective throats being connected to the respective entrances by respective converging interior walls (84, 94). The block (64) has an interior passage (65) which, together with the dies (61, 62) forms a central die chamber (95) filled with flowable, hardenable coating material (115) to form a coating on the filament (24) passing through the dies (61, 62). The material (115) is supplied at a controlled temperature and pressure through a bore (75).

IPC 1-7

**H01B 13/06**; **H01B 13/16**

IPC 8 full level

**H01B 13/06** (2006.01); **H01B 13/16** (2006.01)

CPC (source: EP)

**H01B 13/16** (2013.01)

Citation (search report)

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- [X] EP 0009312 A1 19800402 - PHELPS DODGE IND INC [US]
- [Y] AT 327306 B 19760126 - FUCHS & CO AG [AT], et al
- [Y] GB 943151 A 19631127 - LUMALAMPAN AB

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DOCDB simple family (publication)

**EP 0063963 A1 19821103**; **EP 0063963 B1 19850911**; AT E15566 T1 19850915; DE 3266135 D1 19851017

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