

Title (en)  
METHOD AND APPARATUS FOR COATING FILAMENTS

Publication  
**EP 0063963 B1 19850911 (EN)**

Application  
**EP 82302193 A 19820428**

Priority  
US 25869081 A 19810429

Abstract (en)  
[origin: EP0063963A1] 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)

Cited by  
CN116665992A; DE4010306A1; DE4010306C2; US8980053B2

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
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