

Title (en)
EXTRUSION MACHINERY

Publication
EP 0099744 A3 19850814 (EN)

Application
EP 83304146 A 19830718

Priority
GB 8220873 A 19820719

Abstract (en)
[origin: EP0099744A2] In Conform machinery for continuous friction actuated extrusion the wheel is made up of at least three parts, namely two cheeks with a hub between them. Annular coolant passages extend between these members and are fed by ducts (6, 8) which extend at least through the cheek members. These ducts, and any extending through the hub are lined with thermally-insulating material (10) such as PTFE. This greatly reduces thermal stresses around the coolant ducts, which can be a cause of premature and catastrophic failure of the wheel.

IPC 1-7
B21C 23/00; **B21C 29/00**

IPC 8 full level
B21C 23/00 (2006.01); **B21C 23/21** (2006.01); **B21C 29/00** (2006.01)

CPC (source: EP)
B21C 23/005 (2013.01); **B21C 29/00** (2013.01)

Citation (search report)

- [YP] GB 2102321 A 19830202 - BICC PLC [GB]
- [Y] US 3808865 A 19740507 - WAGNER A, et al
- [Y] GB 2028207 A 19800305 - ATOMIC ENERGY AUTHORITY UK
- [A] GB 2089703 A 19820630 - ATOMIC ENERGY AUTHORITY UK
- [AP] SU 1009547 A1 19830407 - KOMAROV SERGEJ B
- [A] GB 961293 A 19640617 - SIEMENS AG
- [A] US 2206977 A 19400709 - ALLEN SEELEY GEORGE

Cited by
EP0130059A3

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

DOCDB simple family (publication)
EP 0099744 A2 19840201; **EP 0099744 A3 19850814**; AU 1642583 A 19840126; AU 557952 B2 19870115; CA 1209529 A 19860812; DK 319583 A 19840120; DK 319583 D0 19830711; FI 832612 A0 19830718; FI 832612 A 19840120; GB 2124529 A 19840222; GB 2124529 B 19850918; GB 8319326 D0 19830817; HK 5686 A 19860131; JP S5927711 A 19840214; MY 8600713 A 19861231; NO 155277 B 19861201; NO 155277 C 19870311; NO 832605 L 19840120; NZ 204826 A 19850816; PH 21018 A 19870630; SG 85285 G 19861121; ZA 834696 B 19840328; ZW 14283 A1 19830914

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