

Title (en)
SPINNING PUMP FOR POLYAMIDES

Title (de)
SPINNPUMPE FÜR POLYAMIDE

Title (fr)
POMPE DE FILATURE POUR POLYAMIDES

Publication
EP 0694126 A1 19960131 (DE)

Application
EP 95906876 A 19950207

Priority
• CH 9500029 W 19950207
• CH 42794 A 19940214

Abstract (en)
[origin: WO9522002A1] In a spinning pump for the melt extrusion of polyamides, drillings (10, 10') with partially circular cross-section are formed in the central plate (6) in such a way that the cross-sectional area of the drillings (10, 10') tapers towards the back (6'') of the central plate (6) and the centres of the drillings (10, 10') have a parabolic contour towards the back (6'') of the central plate (6). Drillings (10, 10') designed in this manner have made it possible to prevent cracked deposits inside the pump channels and increase the productivity of top-quality melt extrusion by over 10 %.

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IPC 8 full level
F04C 2/18 (2006.01); **F04C 2/08** (2006.01); **F04C 15/06** (2006.01)

CPC (source: EP US)
F04C 2/086 (2013.01 - EP US); **F04C 15/06** (2013.01 - EP US); **F04C 2250/10** (2013.01 - EP US)

Citation (search report)
See references of WO 9522002A1

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CH 9500029 W 19950207; CN 95190087 A 19950207; DE 59502392 T 19950207; EP 95906876 A 19950207; ES 95906876 T 19950207; JP 52088495 A 19950207; US 53255695 A 19950915