

Title (en)
SPINNING PROCESS AND APPARATUS

Publication
EP 0349889 A3 19900905 (DE)

Application
EP 89111728 A 19890628

Priority
DE 3822571 A 19880704

Abstract (en)
[origin: EP0349889A2] Spinning apparatus comprising a ring type spinneret and a quench stick arranged centrally underneath the spinneret plate at a distance therefrom, characterised in that between the spinneret plate and the upper edge of the quench stick there is arranged a ring slot diaphragm with a narrow ring slot through which the spun filaments can pass without interference. <IMAGE>

IPC 1-7
D01D 5/088; **D01F 6/62**

IPC 8 full level
D01D 5/088 (2006.01); **D01F 6/62** (2006.01)

CPC (source: EP)
D01D 5/088 (2013.01); **D01F 6/62** (2013.01)

Citation (search report)
• [A] FR 2426751 A1 19791221 - CORIMA SPA [IT]
• [A] US 3135811 A 19640602 - ROSSLYN BARNETT THOMAS, et al
• [A] PATENT ABSTRACTS OF JAPAN vol. 1, no. 54 (C-77)() 25 Mai 1977, & JP-A-52 15615 (TORAY INDUSTRIES K.K.) 02 Mai 1977,

Cited by
EP1491663A1; WO9215732A1

Designated contracting state (EPC)
CH DE FR GB IT LI NL

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EP 0349889 A2 19900110; **EP 0349889 A3 19900905**; **EP 0349889 B1 19930505**; CA 1336124 C 19950704; DE 3822571 A1 19900201; DE 3822571 C2 19900809; DE 58904249 D1 19930609

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EP 89111728 A 19890628; CA 604736 A 19890704; DE 3822571 A 19880704; DE 58904249 T 19890628