

Title (en)  
A thread treating apparatus.

Title (de)  
Garnbehandlungs-Vorrichtung.

Title (fr)  
Appareil de traitement de fil.

Publication  
**EP 0026360 A1 19810408 (EN)**

Application  
**EP 80105347 A 19800908**

Priority  
US 8105179 A 19791002

Abstract (en)  
A texturising jet for synthetic filaments is openable and closable to facilitate lacing up. A lacing up system is operable in conjunction with the opening and closing mechanism so that the lace-up operation is semi-automatic. At least one of the parts (32, 82) of the jet has a flexible mounting to ensure face to face sealing contact of the parts when the jet is closed.

IPC 1-7  
**D02G 1/16**; B65H 51/16

IPC 8 full level  
**D02J 1/00** (2006.01); **B65H 51/16** (2006.01); **D01H 15/007** (2006.01); **D02G 1/16** (2006.01)

CPC (source: EP)  
**D01H 15/007** (2013.01); **D02G 1/161** (2013.01)

Citation (search report)  
• [D] DE 2049740 B2 19790621  
• [AD] US 2938257 A 19600531 - BAUER ERNEST K  
• [AD] US 3261071 A 19660719 - CLENDENING JR FRANCIS JOSEPH, et al  
• [A] US 3822449 A 19740709 - DICK B

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US4691947A; US4941242A; US5056728A; US4724588A; US6192667B1; EP1060302B2

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

DOCDB simple family (publication)  
**EP 0110359 A2 19840613**; **EP 0110359 A3 19841031**; **EP 0110359 B1 19880622**; AT E35295 T1 19880715; AU 533504 B2 19831201; AU 6287780 A 19810409; BR 8006328 A 19810414; DE 3037111 A1 19810416; DE 3070211 D1 19850328; EP 0026360 A1 19810408; EP 0026360 B1 19850220; ES 496007 A0 19820301; ES 8203116 A1 19820301; HK 92285 A 19851129; IN 153447 B 19840714; IN 155478 B 19850209; JP H0219215 B2 19900501; JP S5673129 A 19810617; JP S63288239 A 19881125; JP S6367570 B2 19881226

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**EP 83111863 A 19800908**; AT 83111863 T 19800908; AU 6287780 A 19801001; BR 8006328 A 19801001; DE 3037111 A 19801001; DE 3070211 T 19800908; EP 80105347 A 19800908; ES 496007 A 19800930; HK 92285 A 19851121; IN 1050CA1980 A 19800915; IN 1523CA1983 A 19831215; JP 13680380 A 19801002; JP 9695288 A 19880421