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
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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

DOCDB simple family (application)
     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