

Title (en)

APPARATUS FOR DRAWING FILAMENTARY POLYMERIC MATERIAL

Publication

EP 0047348 B1 19840627 (EN)

Application

EP 80303086 A 19800904

Priority

EP 80303086 A 19800904

Abstract (en)

[origin: EP0047348A1] The invention relates to a device for drawing filamentary polymeric material. Known devices have the problem that "string-up" from a source of the material to a take-up means is not simply and efficiently accomplished and there is considerable operator exposure to rollers moving at very high speeds. In order to overcome these problems the invention provides at least three rollers (A, B, C, D) at least two of which are motorized. One or more of the rollers are movable between a first and second position, whereby in the first position the filamentary material can be passed from the source through the space between certain of the rollers (A, B, C, D) to the winding means, and by moving one or more of the rollers to the second position the filamentary material (8) contacts the surface of the rollers over a surface angle of less than 360 DEG and adheres thereto without slippage and is drawn there through when the rollers (A, B, C, D) are rotated.

IPC 1-7

D02J 1/22

IPC 8 full level

D02J 1/22 (2006.01)

CPC (source: EP)

D02J 1/22 (2013.01)

Citation (examination)

- US 2621390 A 19521216 - ARNOLD NIELD
- GB 614978 A 19481230 - DU PONT
- US 2296473 A 19420922 - KREHBIEL JOHN J

Cited by

US4896516A; US4852225A; US4630340A; US4814122A; US4868959A; US4905355A

Designated contracting state (EPC)

BE DE FR GB IT NL

DOCDB simple family (publication)

EP 0047348 A1 19820317; EP 0047348 B1 19840627; DE 3068354 D1 19840802

DOCDB simple family (application)

EP 80303086 A 19800904; DE 3068354 T 19800904