

Title (en)
Draw texturing apparatus for synthetic yarns

Title (de)
Anordnung von Streck-Texturiermaschinen für Synthetikfäden

Title (fr)
Machine d'étirage-texturation pour fils synthétiques

Publication
EP 0718424 B1 19980401 (DE)

Application
EP 95117782 A 19951111

Priority
CH 356294 A 19941125

Abstract (en)
[origin: EP0718424A2] An arrangement of drawing and texturing machines for synthetic yarns incorporates a drawing unit (5,6) and a relaxing unit (7) which are at least partially staggered and positioned in parallel to each other and above a winding unit (13). The middle lines (17) of the drawing unit (5,6) and the relaxing unit (7) each defined an angle with a reference plane (E) which is 0-90 deg., preferably 60-80 deg.. The winding unit defines a 90 deg. angle with the reference plane (E) and the winding units are positioned in a row in parallel to each other and at a preset distance (A) from the reference plane (E).

IPC 1-7
D02G 1/02; **D02G 1/12**; **D02G 1/16**

IPC 8 full level
B65H 51/26 (2006.01); **D01H 5/00** (2006.01); **D01H 5/56** (2006.01); **D02G 1/02** (2006.01); **D02G 1/04** (2006.01); **D02G 1/12** (2006.01); **D02G 1/16** (2006.01); **D02J 1/22** (2006.01)

CPC (source: EP US)
D01D 13/02 (2013.01 - EP); **D02G 1/0266** (2013.01 - EP US); **D02G 1/127** (2013.01 - EP US); **D02G 1/168** (2013.01 - EP US)

Cited by
CN100400728C; US7845923B2; WO2007128498A1; US6890166B2

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

DOCDB simple family (publication)
EP 0718424 A2 19960626; **EP 0718424 A3 19960703**; **EP 0718424 B1 19980401**; CA 2163730 A1 19960526; CN 1050868 C 20000329; CN 1132804 A 19961009; DE 59501776 D1 19980507; JP H08226038 A 19960903; US 5755086 A 19980526

DOCDB simple family (application)
EP 95117782 A 19951111; CA 2163730 A 19951124; CN 95120560 A 19951124; DE 59501776 T 19951111; JP 29979095 A 19951117; US 56260095 A 19951124