

Title (en)
TEXTURING MACHINE

Title (de)
TEXTURIERMASCHINE

Title (fr)
MACHINE DE TEXTURATION

Publication
EP 1501968 B1 20061115 (DE)

Application
EP 03720489 A 20030417

Priority
• DE 10218748 A 20020426
• EP 0304045 W 20030417

Abstract (en)
[origin: WO03091487A1] The invention relates to a texturing machine for stretch texturing a synthetic thread. The texturing machine comprises at least one first delivery device, a heating device, a cooling device, a texturing unit, a second delivery device and a winding device for winding the textured threads. A moistening device is arranged between the heating device and the cooling device in order to moisten the heated thread for pre-cooling by a cooling fluid. The inventive moistening device is composed of a rotationable cooling cylinder, the circumference thereof comprising a thread-line track which contains a cooling liquid. The thread is moistened during contact with the thread-line track. The friction of the thread is placed advantageously in a contact position according to the relative speed between the thread and the thread-line track on the circumference of the cooling cylinder.

IPC 8 full level
D02G 1/02 (2006.01); **D02J 13/00** (2006.01); **D06B 3/04** (2006.01)

CPC (source: EP US)
D02G 1/0266 (2013.01 - EP US); **D02J 13/005** (2013.01 - EP US)

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 03091487 A1 20031106; AT E345408 T1 20061215; AU 2003224091 A1 20031110; CN 1650055 A 20050803; DE 10218748 A1 20031113; DE 50305686 D1 20061228; EP 1501968 A1 20050202; EP 1501968 B1 20061115; US 2005055998 A1 20050317; US 7080501 B2 20060725

DOCDB simple family (application)
EP 0304045 W 20030417; AT 03720489 T 20030417; AU 2003224091 A 20030417; CN 03809379 A 20030417; DE 10218748 A 20020426; DE 50305686 T 20030417; EP 03720489 A 20030417; US 97260104 A 20041025