

Title (en)  
DEVICE FOR COMPRESSION CRIMPING

Title (de)  
VORRICHTUNG ZUM STAUCHKRÄUSELN

Title (fr)  
DISPOSITIF DE FRISAGE PAR COMPRESSION

Publication  
**EP 1404910 A1 20040407 (DE)**

Application  
**EP 02740756 A 20020628**

Priority  
• DE 10132148 A 20010703  
• EP 0207161 W 20020628

Abstract (en)  
[origin: WO03004743A1] The invention relates to a device for the compression crimping of a synthetic multifilament yarn, said device comprising a transport nozzle and a compression chamber. Said transport nozzle comprises a yarn channel by which means a yarn is guided to a compression chamber. Said compression chamber forms a section having a gas-permeable chamber wall, between a yarn inlet and an enmeshment outlet. According to the invention, the gas-permeable chamber wall comprises a friction surface consisting of material which is resistant to wear, on the inner side facing the yarn enmeshment. The constancy of the braking action produced by the friction on the yarn enmeshment can thus be significantly improved.

IPC 1-7  
**D02G 1/12**

IPC 8 full level  
**D02G 1/12** (2006.01)

CPC (source: EP US)  
**D02G 1/12** (2013.01 - EP US); **D02G 1/122** (2013.01 - EP US)

Citation (search report)  
See references of WO 03004743A1

Designated contracting state (EPC)  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)  
**WO 03004743 A1 20030116**; AT E353109 T1 20070215; CN 100362153 C 20080116; CN 1511202 A 20040707; DE 50209409 D1 20070322; EP 1404910 A1 20040407; EP 1404910 B1 20070131; EP 1404910 B2 20110615; US 2004237211 A1 20041202; US 7318263 B2 20080115

DOCDB simple family (application)  
**EP 0207161 W 20020628**; AT 02740756 T 20020628; CN 02810349 A 20020628; DE 50209409 T 20020628; EP 02740756 A 20020628; US 48248904 A 20040719