

Title (en)
DEVICE FOR COMPRESSION CRIMPING

Title (de)
VORRICHTUNG ZUM STAUCHKRÄUSELN

Title (fr)
DISPOSITIF DE FRISAGE PAR COMPRESSION

Publication
EP 1404910 B2 20110615 (DE)

Application
EP 02740756 A 20020628

Priority
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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.

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

Citation (opposition)
Opponent :
• EP 1116806 A2 20010718 - SML MASCHINENGESELLSCHAFT MBH [AT]
• EP 0249804 A2 19871223 - RIETER AG MASCHF [CH]
• DE 19635736 A1 19980305 - SAXONIA UMFORMTECHNIK GMBH [DE]

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