

Title (en)

IMPROVED PROCESS AND APPARATUS FOR STRETCHING SLIVERS OF ANIMAL FIBRES

Title (de)

VERBESSERTES VERFAHREN UND VORRICHTUNG ZUM STRECKEN VON FASERBÄNDERN AUS TIERISCHEN FASERN

Title (fr)

PROCEDE ET DISPOSITIF AMELIORES PERMETTANT D'ETIRER DES FRAGMENTS DE FIBRES ANIMALES

Publication

EP 1240368 A4 20021025 (EN)

Application

EP 00975027 A 20001027

Priority

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Abstract (en)

[origin: WO0131097A2] A method and apparatus for creating a transient equivalent of thermoplasticity in wool or animal fibres, such that they can be extended by substantial amounts without breaking and without requiring to be at high moisture regain or chemically treated to increase plasticity. In one version a process is provided for stretching sliver in which the sliver is passed in a substantially straight line path through a stretching zone from feed rollers to a single haul pulley unit. False twist generated by the haul pulley unit is freely propagated along the sliver uninhibited by contact with pulleys or other devices.

IPC 1-7

D01G 1/00

IPC 8 full level

D01H 5/28 (2006.01)

CPC (source: EP)

D01H 5/28 (2013.01)

Citation (search report)

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- [Y] US 5477669 A 19951226 - PHILLIPS DAVID G [AU], et al
- [Y] US 4908486 A 19900313 - FRY ALLAN R [AU]
- [AD] US 5758483 A 19980602 - PHILLIPS DAVID GRAHAM [AU], et al
- See references of WO 0131097A2

Designated contracting state (EPC)

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DOCDB simple family (publication)

WO 0131097 A2 20010503; WO 0131097 A3 20011004; AT E329071 T1 20060615; AU 1313501 A 20010508; AU 769950 B2 20040212; CN 1236117 C 20060111; CN 1415031 A 20030430; DE 60028604 D1 20060720; DE 60028604 T2 20070606; EP 1240368 A2 20020918; EP 1240368 A4 20021025; EP 1240368 B1 20060607

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