

Title (en)

DRAFTING HEAD

Publication

EP 0045025 B1 19840822 (DE)

Application

EP 81105657 A 19810718

Priority

DE 3028376 A 19800726

Abstract (en)

[origin: US4406038A] A stretch head for a stretching mechanism includes a plurality of needle rods which move along a generally planar working path and a return path. Linear motor means are operable to move the needle rods along the planar working path along material to be warped and along the return path, and screw means move the needle rods between the two paths.

IPC 1-7

D01H 5/02

IPC 8 full level

D01H 5/06 (2006.01); **D01H 5/02** (2006.01)

CPC (source: EP US)

D01H 5/02 (2013.01 - EP US)

Cited by

EP0184671A3

Designated contracting state (EPC)

CH FR GB IT LI

DOCDB simple family (publication)

EP 0045025 A1 19820203; **EP 0045025 B1 19840822**; CS 234029 B2 19850314; DD 201610 A5 19830727; DE 3028376 A1 19820218; DE 3028376 C2 19841115; JP S5742929 A 19820310; JP S6017850 B2 19850507; SU 1111688 A3 19840830; US 4406038 A 19830927

DOCDB simple family (application)

EP 81105657 A 19810718; CS 526881 A 19810708; DD 23203481 A 19810723; DE 3028376 A 19800726; JP 11289181 A 19810718; SU 3311253 A 19810721; US 28644281 A 19810724