

Title (en)
THREAD TENSIONING DEVICE FOR FLAT-BED KNITTING MACHINES

Publication
EP 0231484 B1 19890222 (DE)

Application
EP 86117093 A 19861209

Priority
DE 3602431 A 19860128

Abstract (en)
[origin: US4700553A] The yarn tensioning device for flat knitting machines has for each yarn (20) to be processed a pivotable support (23), for yarn guide members (25-31), located in the region of an end of a needle bed, preferably outside a covering panel (16) of the machine. Each pivotable support 23 has on a projecting part (23b) a yarn clamp (35) which enters the covering panel (16) through an aperture (22) and constitutes an auxiliary member during threading of the yarn. The pivotable support (23) also carries the yarn take-up (31/32) and a number of adjustment and control members of the yarn tensioning device.

IPC 1-7
D04B 15/44

IPC 8 full level
D04B 15/44 (2006.01)

CPC (source: EP US)
D04B 15/44 (2013.01 - EP US); **D04B 15/482** (2013.01 - EP US)

Cited by
CN102776699A; EP0768412A1; EP0301265A3

Designated contracting state (EPC)
CH ES FR GB IT LI

DOCDB simple family (publication)
EP 0231484 A1 19870812; EP 0231484 B1 19890222; DE 3602431 A1 19870730; DE 3602431 C2 19871029; ES 2007570 B3 19940701; JP H028060 B2 19900222; JP S62184158 A 19870812; US 4700553 A 19871020

DOCDB simple family (application)
EP 86117093 A 19861209; DE 3602431 A 19860128; ES 86117093 T 19861209; JP 1536087 A 19870127; US 685087 A 19870127