

Title (en)

Device for detecting the presence of yarn fed to needles on knitting and hosiery machines

Title (de)

Vorrichtung zur Feststellung von Fadenlieferung an Stricknadeln in Strick- und Strumpfstrickmaschinen

Title (fr)

Dispositif pour la détection de fils alimentés aux aiguilles de métiers à tricoter, notamment ceux de bas

Publication

EP 1422329 A1 20040526 (EN)

Application

EP 03425468 A 20030715

Priority

IT BS20020108 A 20021125

Abstract (en)

The invention concerns knitting and hosiery machines and in particular a system for detecting the presence of yarn (13) being fed to the needles (12) on the cylinder (11) of such machines. Each yarn (13) is fed to the needles (12) through a yarn guide (15) moving between an out of work (A) to a work position (B) and is associated with a sensor (16) capable of detecting movement/presence of the yarn (13) and to stop the machine when the yarn guide (15) moves from the out of work (A) to the work position (B) and there is no movement/presence of the yarn (13). <IMAGE>

IPC 1-7

D04B 35/16

IPC 8 full level

D04B 35/16 (2006.01)

CPC (source: EP US)

D04B 35/16 (2013.01 - EP US)

Citation (search report)

- [X] GB 2158107 A 19851106 - MEMMINGER GUSTAV
- [X] GB 2162971 A 19860212 - MEMMINGER GUSTAV

Cited by

CN103469471A

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1422329 A1 20040526; IT BS20020108 A1 20040526; US 2004099017 A1 20040527

DOCDB simple family (application)

EP 03425468 A 20030715; IT BS20020108 A 20021125; US 62403203 A 20030721