

Title (en)
Thread guide for flat knitting machines

Title (de)
Fadenführer für eine Flachstrickmaschine

Title (fr)
Guide-fil pour machines de tricotage rectiligne

Publication
EP 2570537 A1 20130320 (EN)

Application
EP 11181582 A 20110916

Priority
EP 11181582 A 20110916

Abstract (en)
A yarn feeder for flat knitting machines is located on a yarn feeder guide track (10) to move transversely thereon and includes a baseboard (21) slidably coupled on the yarn feeder guide track (10), a first rocking arm (22), a second rocking arm (23) and a yarn feeding unit (24) located on the baseboard (21). The first and second rocking arms (22, 23) have respectively a first pivot end (221) and a second pivot end (231) coupled with the baseboard (21), and a first pressed end (222) and a second pressed end (232) to receive a horizontal force to swing respectively about the first and second pivot ends (221, 231) serving as fulcrums. The yarn feeding unit (24) includes a yarn feeding arm (25) located between the first and second rocking arms (22, 23), and a first linkage bar (241) hinged on the yarn feeding arm (25) and first rocking arm (22) to move simultaneously, and a second linkage bar (242) hinged on the yarn feeding arm (25) and second rocking arm (23) to move simultaneously.

IPC 8 full level
D04B 15/56 (2006.01)

CPC (source: EP)
D04B 15/56 (2013.01)

Citation (applicant)
• US 6981393 B2 20060103 - IKOMA KENJI [JP]
• EP 1788132 A1 20070523 - STOLL H GMBH & CO KG [DE]

Citation (search report)
• [A] US 4052865 A 19771011 - ZAMARCO GINO
• [A] EP 1715092 A1 20061025 - STOLL GMBH & CO KG FA H [DE]

Cited by
CN108589003A; CN103741359A; US11421354B2

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 2570537 A1 20130320; EP 2570537 B1 20150304

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