

Title (en)
Yarn guide apparatus for offset knitting

Title (de)
Garnführungsvorrichtung für versetztes Stricken

Title (fr)
Appareil de guide-fil pour tricotage offset

Publication
EP 2428600 A1 20120314 (EN)

Application
EP 11007091 A 20110901

Priority
JP 2010205507 A 20100914

Abstract (en)
A yarn guide apparatus for offset knitting is provided that enables a knitting needle to reliably receive all filaments constituting a yarn at a knitting point even in offset yarn feeding, and enables a yarn to be stably fed without coming off the knitting point due to a change in the knit structure or the like. The yarn guide apparatus feeds a yarn to a knitting needle from a position offset from the movement line of the knitting needle in a knitting machine. The apparatus includes a yarn guide apparatus main body that is provided with a yarn inlet and a yarn outlet, and a guide plate that is disposed at a lower side portion of the yarn guide apparatus main body. A yarn that has been pushed into a knitting needle is guided by the guide plate up to a position immediately before a knitting point.

IPC 8 full level
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CPC (source: EP KR)
D04B 15/48 (2013.01 - KR); **D04B 15/54** (2013.01 - EP KR); **D04B 15/58** (2013.01 - EP)

Citation (applicant)
• JP H04316649 A 19921109 - SIPRA PATENT BETEILIGUNG
• JP S6052660 A 19850325 - MEMMINGER GMBH

Citation (search report)
• [X] GB 2096181 A 19821013 - PRECISION FUKUHARA WORKS LTD
• [A] US 4592215 A 19860603 - BECK ALFRED [DE]
• [A] GB 2146358 A 19850417 - MONARCH KNITTING MACH
• [A] US 2010147035 A1 20100617 - STINGEL UWE [DE], et al

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

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DOCDB simple family (application)
EP 11007091 A 20110901; CN 201110254657 A 20110831; JP 2010205507 A 20100914; KR 20110080155 A 20110811; TW 100130416 A 20110825