

Title (en)
Yarn feeder

Title (de)
Fadenführer

Title (fr)
Guide-fil

Publication
EP 1764433 A1 20070321 (EN)

Application
EP 05108612 A 20050919

Priority
EP 05108612 A 20050919

Abstract (en)
A yarn feeder for circular knitting machines that have a plurality of knitting needles includes a first threading hole (12), a second threading hole (13) and a jutting yarn guiding member (14) on a lower edge for feeding three yarns (30, 31, 32) corresponding to a knitting needle (20). The three yarns (30, 31, 32) enter a hook (21) of the knitting needle (20) through the first and second threading holes (12, 13) and the yarn guiding member (14). The hook (21) is a common point, forms a first included angle (A) with the yarn guiding member (14) and the first yarn threading hole (12), and forms a second included angle (B) with the first threading hole (12) and the second threading hole (13). The second included angle (B) is larger than or equal to the first included angle (A). Thus the three yarns (30, 31, 32) can be directed smoothly into the hook (21) of the knitting needle (20) without forming interference. Traveling of the three yarns (30, 31, 32) is smoother.

IPC 8 full level
D04B 15/58 (2006.01)

CPC (source: EP)
D04B 15/58 (2013.01)

Citation (search report)
• [XY] GB 2379453 A 20030312 - PAI LUNG MACHINERY MILL CO LTD [TW]
• [Y] FR 2774401 A1 19990806 - TEIXITS DE PUNT CAMPANY SA [ES]
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