

Title (en)

Improved double-hooked needle and slider combination for double cylinder circular knitting machines.

Title (de)

Verbesserter Doppelhakennadel und Schieberkombination für Doppelzylinderrundstrickmaschinen.

Title (fr)

Combinaison perfectionnée d'aiguille à double crochet et de coulisseau pour métiers à tricoter circulaires à deux cylindres.

Publication

EP 0428205 A1 19910522 (EN)

Application

EP 90202918 A 19901103

Priority

IT 2241189 A 19891116

Abstract (en)

An improved double-hooked needle and slider combination for double-cylinder circular knitting machines, in particular for hosiery production, in which the hooks (5) at the two ends of the needle (3) are provided with a latch which is maintained in its semi-open position by a spring when opposing forces are absent, the slider tip (30) being shaped with a double inclination to ensure that both the needle and the relative latch arc in their correct position during the transfer of the needle from one bed to the other.

IPC 1-7

D04B 9/10

IPC 8 full level

D04B 25/02 (2006.01); **D04B 9/10** (2006.01); **D04B 35/02** (2006.01)

CPC (source: EP)

D04B 9/10 (2013.01); **D04B 15/68** (2013.01); **D04B 35/04** (2013.01)

Citation (search report)

- [AD] EP 0259563 A2 19880316 - STOLL & CO H [DE]
- [A] GB 768051 A 19570213 - KARL STEINHOF
- [A] DE 1560954 A1 19701022 - BENTLEY ENG CO LTD

Cited by

EP0517307A1; US5239845A

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

EP 0428205 A1 19910522; CZ 565590 A3 19931117; IT 1236793 B 19930402; IT 8922411 A0 19891116; IT 8922411 A1 19910516; JP H03174061 A 19910729

DOCDB simple family (application)

EP 90202918 A 19901103; CS 565590 A 19901115; IT 2241189 A 19891116; JP 30897390 A 19901116