Title (en)

THREAD FEED DEVICE

Title (de)

FADENLIEFERGERÄT

Title (fr)

DISPOSITIF DE LIVRAISON DU FIL

Publication

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Application

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Priority

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Abstract (en)

[origin: US6015109A] PCT No. PCT/EP96/04409 Sec. 371 Date Jun. 29, 1998 Sec. 102(e) Date Jun. 29, 1998 PCT Filed Oct. 10, 1996 PCT Pub. No. WO97/14836 PCT Pub. Date Apr. 24, 1997In a yarn feeder, particularly for knitting machines, having a stationary housing and a rotational element which can be driven by a motor for winding on a yarn, and having a mechanical backturn-detent mechanism for the rotational element, which mechanism contains a detent member which is displaceable on a counter-member between a running position and a blocking position, in which blocking position the detent member engages at a braking surface. The detent member underlying a permanent drag power in each rotational direction which drag power is generated by means of friction contact in case of a rotational movement of the rotational element for displacing the detent member in dependence from the sense of rotation and in relation to the counter member either into the running position or into the blocking position. The counter-member and the detent member consist of ring bodies which are set within each other and which are rotatable in relation to each other about the rotational axis of the rotational element. The detent member co-operating with the braking surface in the braking position of the backturn-detent mechanism being provided at its periphery with a counter-braking surface range which is limited in a circumferential direction.

IPC 1-7 (main, further and additional classification)

D04B 15/48

IPC 8 full level (invention and additional information)

D04B 15/48 (2006.01)

CPC (invention and additional information)

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