

Title (en)

A yarning machine.

Title (de)

Aufwickelmaschine für Garne.

Title (fr)

Machine à bobiner pour fils textiles.

Publication

EP 0628508 A1 19941214 (EN)

Application

EP 94304073 A 19940607

Priority

- JP 3641193 U 19930607
- JP 4612994 A 19940316

Abstract (en)

In a yarning machine including a drum (7) having transverse grooves (8) to move a yarn thread (5) transversely therealong so as to supply the yarn thread to a wind-up package (9) by rotating the wind-up package (9), a wheel (11) has a V-shaped groove (12) around its centre and a flange (15a,15b) whose inner wall is continuous from an inner wall of the groove (12) by way of stepped portion (14a, 14b), the inner wall of the groove (12) being inclined so that the distance changes gradually from the centre of the groove (12) to a cam-like outer periphery (13a,13b) of the inner wall of the flange (15a,15b) in accordance with the increase of a rotational angle of the wheel (11). The wheel (11) serves as a guide which introduces the yarn thread (5) to a wind-up package (9), the yarn being rotatably supported by the wheel (11). The axis of the wheel (11) is obliquely across that of the drum (7) so that the yarn thread (5) slidingly runs along the inner wall of the groove (12) or the inner wall of the flange (15a,15b) in combination with the rotational movement of the wheel (11) before the yarn thread (5) is supplied to the drum (7). <IMAGE>

IPC 1-7

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IPC 8 full level

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CPC (source: EP KR)

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Citation (search report)

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