

Title (en)  
STORING DEVICE FOR THREAD-LIKE MATERIAL FOR THE WEFT INSERTION IN LOOMS

Publication  
**EP 0189731 B1 19890329 (DE)**

Application  
**EP 85810029 A 19850129**

Priority  
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Abstract (en)  
[origin: US4667706A] In a weft yarn storage device for weaving machines a cover (13) extending over approximately 120 DEG is provided above a rotating disc (2) which receives the yarn deposit (8). The cover (13) is secured against rotation by a bearing (14) and acts on the disc (2) by merely a slight pressure produced by its own weight. An ordered yarn deposit (8) is therefore produced. The speed of the disc (2) and the speed at which the nozzle (6) feeds the yarn (7) are so adapted to one another that the yarn deposit (8) extends at most as far as the intersection (42) of the tangent (43) with the disc (2) (center line (40) of the support surface (5)). The nozzle (6) is disposed directly on the leading edge (21) of the cover (13). A very reliable yarn entry between the support surface (5) and the cover (13) is therefore provided, as is also an orderly takeoff of yarn from the support surface (8) starting at (42).

IPC 1-7  
**D03D 47/34**; **B65H 51/20**

IPC 8 full level  
**D03D 47/36** (2006.01); **B65H 51/20** (2006.01); **D03D 47/34** (2006.01)

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**B65H 51/20** (2013.01 - EP US); **D03D 47/34** (2013.01 - EP US); **D03D 47/36** (2013.01 - EP US); **B65H 2701/31** (2013.01 - EP US)

Cited by  
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