

Title (en)
Yarn twisting machine comprising a yarn package supply

Title (de)
Zwirnmaschinen mit Garnspulhalter

Title (fr)
Machine à retordre comprenant un support de bobine de fil

Publication
EP 1502974 A2 20050202 (EN)

Application
EP 04017224 A 20040721

Priority
JP 2003280598 A 20030728

Abstract (en)
In a yarn twisting machine in which a supply yarn package is provided at an upper side of a machine frame, since the supply yarn package is located higher than an average height of a worker, a replacing work is difficult. <??>In a yarn twisting machine 1 in which a supply yarn package 10 is provided at an upper side of a machine frame 2, a supply yarn bobbin elevating and lowering supporting device 9 is provided for elevating and lowering the supply yarn package 10. The supply yarn bobbin elevating and lowering supporting device 9 includes a spring 36 for urging in an elevating direction, a bobbin supporting frame 28 which supports the supply yarn package 10, and a stopping means 40 for stopping the bobbin supporting frame 28 at a lowered position. By the bobbin supporting frame 28 being held at the lowered position, the stopping means 40 is operated automatically. A gripper 39 is provided on the bobbin supporting frame 28 and a releasing lever 45 is provided on the gripper 39 for releasing the operation of the stopping means 40.

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IPC 8 full level
D01H 1/18 (2006.01); **D01H 7/02** (2006.01); **D01H 7/86** (2006.01); **D01H 9/18** (2006.01)

CPC (source: EP)
D01H 1/18 (2013.01); **D02G 3/285** (2013.01)

Cited by
US10472199B1; CN107829182A; EP1760174A3; CN107245777A

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DE

DOCDB simple family (publication)
EP 1502974 A2 20050202; **EP 1502974 A3 20051221**; CN 1576412 A 20050209; JP 2005048312 A 20050224

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