

Title (en)
Winding machine

Title (de)
Aufspulmaschine

Title (fr)
Bobinoir

Publication
EP 1086919 B1 20040128 (DE)

Application
EP 00117710 A 20000817

Priority
DE 19945823 A 19990924

Abstract (en)

[origin: US2002043584A1] The washing machine for a continuously running yarn includes a machine housing (1), a supporting arm (12) projecting from an upper part of the machine housing; two bobbin spindles (6,7) for respective bobbins sleeves (8,9); changing units for the bobbin spindles in the supporting arm (12); a contacting roller (13); drive motors for the bobbins spindles, the contacting roller (13) and the changing units (14) and an electronic device including a rectifier for supplying the drive motors with electrical energy. The electronic device, the supporting arm, the contacting roller and the bobbins spindles are all on the same side of the machine housing. In order to provide improved cooling the flat control housing (19) for the electronic unit is separately mounted below the supporting arm (12) near the feet (2,3) of the washing machine and has the cooling ribs (20) facing the bobbins so that an air flow is produced over the cooling ribs during operation because of motion of the bobbins.

IPC 1-7

B65H 54/72; B65H 54/70

IPC 8 full level

B65H 54/70 (2006.01); **B65H 54/72** (2006.01)

CPC (source: EP US)

B65H 54/70 (2013.01 - EP US); **B65H 54/72** (2013.01 - EP US); **B65H 2301/5305** (2013.01 - EP US); **B65H 2701/31** (2013.01 - EP US)

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