

Title (en)  
Winding machine for winding a running yarn

Title (de)  
Aufspulmaschine zum Aufspulen eines anlaufenden Fadens

Title (fr)  
Machine à bobiner un fil continu

Publication  
**EP 0825143 A3 19980513 (DE)**

Application  
**EP 97114120 A 19970814**

Priority  
DE 19633790 A 19960822

Abstract (en)  
[origin: EP0825143A2] The yarn bobbin winder has a movement applied to the bobbin spindle (14), as the winding bobbin dia. increases, through the carrier (13) at the fixed turret (11) in the first stage, together with rotation of the turret (11) with a fixed carrier (13) in a number of steps. Also claimed is a bobbin winding operation where the bobbin spindle is shifted in a number of steps. In each step, there is a different movement direction between the bobbin spindle and the pressure roller bearing against the wound yarn. Each movement direction relates to a given guide path.

IPC 1-7  
**B65H 67/048**

IPC 8 full level  
**B65H 54/52** (2006.01); **B65H 67/048** (2006.01)

CPC (source: EP KR US)  
**B65H 54/52** (2013.01 - EP KR US); **B65H 67/048** (2013.01 - EP KR US); **B65H 2701/31** (2013.01 - EP KR US)

Citation (search report)

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- [A] PATENT ABSTRACTS OF JAPAN vol. 096, no. 001 31 January 1996 (1996-01-31)
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**EP 0825143 A2 19980225; EP 0825143 A3 19980513**; CN 1082018 C 20020403; CN 1174808 A 19980304; KR 100282034 B1 20011024; KR 19980018902 A 19980605; TW 363044 B 19990701; US 6027061 A 20000222

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