

Title (en)  
Machine for processing synthetic yarns.

Title (de)  
Maschine zum Bearbeiten synthetischer Fäden.

Title (fr)  
Machine pour traiter des fils synthétiques.

Publication  
**EP 0684202 A3 19961218 (DE)**

Application  
**EP 95107642 A 19950519**

Priority  
DE 4418374 A 19940526

Abstract (en)  
[origin: EP0684202A2] A machine for processing synthetic threads has several treatment stations (1) with supply bobbins (2) from each with at least one thread (22) running to winding-on devices (17), each comprising a drive roller (6) with perpendicular axis and parallel to and variable in distance from it, a shaft (13) carrying a spool (16) bearing against the roller. A laying appts. (21) lays thread along the spool in small increments; i.e. between winding-on device and laying appts. there is a relative movement for winding formation. Here the winding-on device is displaced vertically for laying the thread winding along the length of the spool and if need be the laying appts. is shifted vertically to shorten the width of the thread layer.

IPC 1-7  
**B65H 54/28**

IPC 8 full level  
**B65H 54/28** (2006.01); **B65H 54/32** (2006.01)

CPC (source: EP)  
**B65H 54/325** (2013.01); **B65H 2701/31** (2013.01)

Citation (search report)

- [A] FR 957462 A 19500220
- [AD] DE 3122385 A1 19820401 - ZINSER TEXTILMASCHINEN GMBH [DE]
- [A] PATENT ABSTRACTS OF JAPAN vol. 009, no. 286 (M - 429) 13 November 1985 (1985-11-13)

Cited by  
WO02074674A1

Designated contracting state (EPC)  
CH DE FR GB IT LI

DOCDB simple family (publication)  
**EP 0684202 A2 19951129; EP 0684202 A3 19961218; EP 0684202 B1 19980204**; DE 4418374 A1 19951130; DE 59501398 D1 19980312; JP H0840638 A 19960213

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