

Title (en)  
DEVICE FOR TEXTILE MACHINES

Publication  
**EP 0014897 B1 19840801 (DE)**

Application  
**EP 80100591 A 19800206**

Priority  
AT 130479 A 19790220

Abstract (en)  
[origin: US4373457A] A thread feed arrangement particularly suitable for use in an embroidery machine for feeding and tightening a thread includes a drive mechanism for rotating a thread roller in the machine about its axis so as to tighten the thread a desired amount after the thread is formed into a stitch or loop. The drive mechanism is controlled by a control device in corresponding relationship with the formation of the stitch or loop, such as by a punched card control system which controls the entire operation of the machine. When using the feed arrangement, thread breakage is significantly reduced and a substantial number of commonly used reciprocating machine parts such as thread guides are no longer required.

IPC 1-7  
**B65H 57/14**; **D05C 11/08**; **D04B 15/44**; **D05B 49/00**

IPC 8 full level  
**D05C 11/00** (2006.01); **D04B 15/44** (2006.01); **D05C 11/08** (2006.01)

CPC (source: EP US)  
**D04B 15/44** (2013.01 - EP US); **D05C 11/08** (2013.01 - EP US)

Cited by  
EP1209273A3; DE4403365A1; DE10130345A1; WO03002801A1

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
**EP 0014897 A1 19800903**; **EP 0014897 B1 19840801**; AT 370144 B 19830310; AT A130479 A 19820715; DE 3068760 D1 19840906; JP S55112360 A 19800829; US 4373457 A 19830215

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**EP 80100591 A 19800206**; AT 130479 A 19790220; DE 3068760 T 19800206; JP 924780 A 19800128; US 12284780 A 19800220