

Title (en)  
FLANGED SPOOL

Publication  
**EP 0004661 B1 19810408 (DE)**

Application  
**EP 79101004 A 19790331**

Priority  
DE 2814842 A 19780406

Abstract (en)  
[origin: EP0004661A1] 1. Bobbin for the under thread of a lockstitch sewing machine, having a retaining groove for the starting end of the under thread prior to the winding-up action of the bobbin winder of the sewing machine characterized in that the hub (1) of the bobbin for the under thread has at least one annular groove for receiving the thread end, which annular groove is arranged in the vicinity of one lateral disk (3, 3') and that the circumferential surface of the hub (1) is sloping towards said groove.

IPC 1-7  
**B65H 75/28**; **B65H 75/14**

IPC 8 full level  
**B65H 75/14** (2006.01); **B65H 75/28** (2006.01)

CPC (source: EP)  
**B65H 75/14** (2013.01); **B65H 75/28** (2013.01); **B65H 2701/31** (2013.01); **B65H 2701/5122** (2013.01); **B65H 2701/51342** (2013.01); **B65H 2701/5136** (2013.01)

Designated contracting state (EPC)  
BE CH FR GB IT NL

DOCDB simple family (publication)  
**EP 0004661 A1 19791017**; **EP 0004661 B1 19810408**; DE 2814842 A1 19791011; DE 2814842 C2 19830120

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**EP 79101004 A 19790331**; DE 2814842 A 19780406