

Title (en)  
HORIZONTAL ROTARY HOOK FOR SEWING MACHINE

Title (de)  
HORIZONTALER DREHHAKEN FÜR NÄHMASCHINE

Title (fr)  
CROCHET ROTATIF HORIZONTAL POUR MACHINE A COUDRE

Publication  
**EP 1828466 B1 20100414 (EN)**

Application  
**EP 05825726 A 20051123**

Priority  
• US 2005042851 W 20051123  
• JP 2004338540 A 20041124  
• US 28416505 A 20051121

Abstract (en)  
[origin: WO2006058269A1] A horizontal rotary hook for a sewing machine includes a bobbin case holder accommodating a bobbin, a rotating hook made of a synthetic resin, and accommodating the bobbin case holder and rotated in a predetermined direction, the rotating hook including a peripheral wall and a peripheral end, a needle-thread passing opening formed in the peripheral wall of the rotating hook so as to be defined at least by a peripheral end of the peripheral wall, and a reinforcing rib provided on the peripheral wall of the rotating hook so as to be located in the vicinity of the peripheral needle-thread passing opening.

IPC 8 full level  
**D05B 57/14** (2006.01); **D05B 57/08** (2006.01); **D05B 57/10** (2006.01)

CPC (source: EP KR)  
**D05B 57/08** (2013.01 - EP KR); **D05B 57/10** (2013.01 - EP KR); **D05B 57/14** (2013.01 - KR); **D05B 57/143** (2013.01 - EP)

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**WO 2006058269 A1 20060601**; CA 2585445 A1 20060601; EP 1828466 A1 20070905; EP 1828466 B1 20100414; KR 20070086550 A 20070827

DOCDB simple family (application)  
**US 2005042851 W 20051123**; CA 2585445 A 20051123; EP 05825726 A 20051123; KR 20077014208 A 20070622