

Title (en)
Sewing machine

Title (de)
Nähmaschine

Title (fr)
Machine à coudre

Publication
EP 1580310 A3 20060920 (DE)

Application
EP 05005325 A 20050311

Priority
• DE 202004004930 U 20040326
• DE 102004055260 A 20041116

Abstract (en)
[origin: EP1580310A2] A sewing machine has a base plinth with an overhead portal that pivots against the base for maintenance access. The sewing machine electric motor is linked to the power supply via a gravity-operated switch (12) in the portal housing. When the portal moves from the operating position (A) to the maintenance position (B) the switch automatically interrupts the electricity supply. The switch is a gravity-operated magnetically induced reed switch located in the portal housing at the same height as the drive shaft and locate on a printed circuit board. The portal housing consists of two shelf halved bonded together.

IPC 8 full level
D05B 69/22 (2006.01); **D05B 83/00** (2006.01); **D05B 69/00** (2006.01); **D05B 69/36** (2006.01); **D05B 75/00** (2006.01); **H01H 35/02** (2006.01); **H01H 36/00** (2006.01)

CPC (source: EP)
D05B 69/00 (2013.01); **D05B 69/36** (2013.01); **D05B 75/00** (2013.01); **H01H 35/022** (2013.01); **D05D 2207/06** (2013.01); **H01H 36/0033** (2013.01)

Citation (search report)
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Designated contracting state (EPC)
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DOCDB simple family (application)
EP 05005325 A 20050311; CN 200510055772 A 20050321; DE 102004055260 A 20041116; JP 2005083896 A 20050323; TW 94109300 A 20050325