

Title (en)  
DEVICE FOR CUTTING A THREAD-SHAPED BODY

Title (de)  
VORRICHTUNG ZUM SCHNEIDEN EINES FADENFÖRMIGEN KÖRPERS

Title (fr)  
DISPOSITIF DE COUPE D'UN CORPS EN FORME DE FIL

Publication  
**EP 2176156 B1 20120215 (DE)**

Application  
**EP 08757252 A 20080609**

Priority  
• CH 2008000259 W 20080609  
• CH 12532007 A 20070807

Abstract (en)  
[origin: WO2009018670A1] The device (1) is used to cut a longitudinally moving thread-shaped body (9). It comprises a cutting blade (5) and an anvil (6) interacting with the cutting blade (5). A solenoid actuator for the cutting blade (5) comprises a plunger coil (3), a two-piece magnet return path yoke (21, 22), and a solenoid plunger (4) connected to the cutting blade (5). A supporting structure (7) carries the plunger coil (3) and the two half-yokes (21, 22). The half-yokes (21, 22) are attached by elastically deflectable arms (81, 82) by means of engaging closures (71-74) on the supporting structure (7). The device (1) therefore has a simple design and is easy and cost-effective to produce.

IPC 8 full level  
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CPC (source: EP)  
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