

Title (en)  
SPRUNG JOINT WITH REDUCED FRICTION

Title (de)  
FEDERSCHARNIER MIT GERINGER REIBUNG

Title (fr)  
CHARNIERE ELASTIQUE A FROTTEMENT REDUIT

Publication  
**EP 1269247 A1 20030102 (FR)**

Application  
**EP 01914129 A 20010326**

Priority  
• FR 0004008 A 20000330  
• IB 0100497 W 20010326

Abstract (en)  
[origin: EP1139148A1] The hinge (1) is spring-loaded by means of a coil spring (17) inside a tube (5) covering the end of the frame side-piece (3) and pressing a projecting end (51) of the tube against a stop on the lens surround portion (7) of the frame. The tube is made e.g. from injection-moulded stainless steel, and is fitted with an anti-friction sleeve (13) in its end adjacent to the hinge, made from bronze, nickel silver or brass. In a variant the end of the tube can have an anti-friction coating deposited e.g. by anodisation or produced by ionic nitration.

IPC 1-7  
**G02C 5/22**

IPC 8 full level  
**G02C 5/22** (2006.01)

CPC (source: EP)  
**G02C 5/2227** (2013.01); **G02C 2200/20** (2013.01); **G02C 2200/26** (2013.01)

Citation (search report)  
See references of WO 0173498A1

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