

Title (en)  
Hinge with damper

Title (de)  
Scharnier mit Dämpfer

Title (fr)  
Charnière avec amortisseur

Publication  
**EP 1199433 A3 20031015 (DE)**

Application  
**EP 01123030 A 20010926**

Priority  
AT 17922000 A 20001019

Abstract (en)  
[origin: EP1199433A2] The hinge-arm (2) is joined by an articulated lever to a door-side hinge-part , and to a fluid-damper (20) which has a housing and control. The housing of the fluid-damper is placed from outside onto the hinge-arm. The control grips onto the door or onto the door-side hinge-part. The U-shaped hinge-arm has a middle and two side arms; with the housing placed on the middle arm (2'). At least one protuberance (8) on the housing fits into an opening (7) in the hinge-arm.

IPC 1-7  
**E05F 5/02**

IPC 8 full level  
**E05F 3/20** (2006.01); **E05D 11/10** (2006.01); **E05F 5/02** (2006.01); **E05F 3/14** (2006.01); **E05F 5/10** (2006.01)

CPC (source: EP US)  
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Citation (search report)  
• [A] US 5012551 A 19910507 - BENEKE ULRICH [DE], et al  
• [A] DE 29821364 U1 19990211 - SALICE ARTURO SPA [IT]

Cited by  
EP1918499A1; EP2063054A1; EP2362050A3; RU2509194C2; AT502486B1; CN107989499A; AT503983B1; US2013180081A1; WO2007093191A1; WO2012064297A1; WO2010105281A1; WO2004092516A1; WO2007025316A1; WO2008025592A1; US7730582B2; US7395580B2; DE202004021541U1; US8590990B2; US8375518B2; WO2019206578A1; EP3199735A1; WO2007035971A1; WO2010130566A1; WO2010129979A1

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DOCDB simple family (publication)  
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