Title (en)
HINGE WITH DAMPER

Title (de)
SCHARNIER MIT DÄMPFER

Title (fr)
ARTICULATION AVEC AMORTISSEUR

Publication
EP 1739261 A1 20070103 (EN)

Application
EP 05728030 A 20050331

Priority
- JP 2005006400 W 20050331
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Abstract (en)
A damper built-in hinge provided with a hinge (20) comprising first and second hinge members (21, 22) pivotally connected with each other and a damper (30) for controlling the opening and closing of the first and second hinge members (21, 22), this damper comprising a first arm having one end pivotally supported on the first hinge member (32), a second arm (34) having one end pivotally supported on the second hinge member (22) and a damper body (41) provided between the other ends of the first and second arms (32, 34), and this damper body being adapted to generate a damper force by relative rotary movement of the first and second arms (32, 34). There is provided the damper built-in hinge adapted to be attached to hinges of various forms without any troublesome assembling of the hinge.

IPC 8 full level
E05D 7/086 (2006.01); **E05C 17/32** (2006.01); **E05F 3/20** (2006.01); E05B 17/00 (2006.01)

CPC (source: EP KR)
E05C 17/32 (2013.01 - EP); **E05F 3/00** (2013.01 - KR); **E05F 3/14** (2013.01 - KR); **E05F 3/20** (2013.01 - KR); **E05F 5/006** (2013.01 - EP); **E05F 5/06** (2013.01 - KR); E05B 17/0041 (2013.01 - EP); E05Y 2201/21 (2013.01 - EP); E05Y 2201/254 (2013.01 - EP); E05Y 2201/266 (2013.01 - EP); E05Y 2201/626 (2013.01 - EP); E05Y 2600/456 (2013.01 - EP); E05Y 2800/73 (2013.01 - EP); E05Y 2900/20 (2013.01 - EP)

Citation (search report)
See references of WO 2005095742A1

Cited by
EP2752541A4; US9523228B2; EP2291572B1

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