

Title (en)
Snap hinge

Title (de)
Klappscharnier-Gelenk

Title (fr)
Charnière à encliquetage

Publication
EP 1079056 A3 20060315 (DE)

Application
EP 00117762 A 20000818

Priority
DE 29914746 U 19990824

Abstract (en)
[origin: CA2316573A1] A pivoting hinge joint consists of a stationary part and a moveable part, joined by a pivoting hinge joint. The joint includes a non-straight guideway within the stationary part, defining two end stop positions at either end with a turning point between the two ends. A guided member is held in one of the two end stop positions by a spring, such that motion of the pivoting arm is guided by the guideway and the spring provides resistance against the movement of the guiding piece between an end stop position and the turning point, whiling biassing the guided member from the turning point towards either of the end stop positions.

IPC 8 full level
E05D 11/10 (2006.01); **E05F 1/12** (2006.01); **E05D 5/06** (2006.01); **E05F 1/14** (2006.01)

CPC (source: EP US)
E05D 11/06 (2013.01 - EP US); **E05D 11/105** (2013.01 - EP US); **E05D 5/06** (2013.01 - EP US); **E05D 2005/067** (2013.01 - EP US); **E05F 1/14** (2013.01 - EP US)

Citation (search report)
• [XY] FR 2244364 A6 19750411 - FOURNIER GILLES [FR]
• [Y] EP 0688692 A1 19951227 - JOURNEE PAUL SA [FR]

Cited by
CN106884588A

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
DE 29914746 U1 19991125; CA 2316573 A1 20010224; DE 50015376 D1 20081113; EP 1079056 A2 20010228; EP 1079056 A3 20060315; EP 1079056 B1 20081001; US 6401299 B1 20020611

DOCDB simple family (application)
DE 29914746 U 19990824; CA 2316573 A 20000822; DE 50015376 T 20000818; EP 00117762 A 20000818; US 64420500 A 20000823