

Title (en)
Container with a door

Title (de)
Behälter mit einer Tür

Title (fr)
Conteneur avec porte

Publication
EP 0894933 A3 20020724 (DE)

Application
EP 98890197 A 19980707

Priority
• AT 116197 A 19970707
• AT 68698 A 19980423

Abstract (en)
[origin: EP0894933A2] The door (2) is swivel mounted by at least one hinge on the container (1). The movement of the door into an open position and the holding of the door in its closed position is supported by a damping element moved in a viscous fluid and by a helical spring in the door's pivot axle. The helical spring is enclosed in a sleeve which has a thread-like groove. One end of the helical spring is fixed, and the other end is next to a bar (8) movably mounted in the door's pivot axle. The bar is joined to at least one bolt.

IPC 1-7
E05F 3/20; **E05F 3/16**; **E05F 3/14**

IPC 8 full level
E05F 1/12 (2006.01); **E05F 3/14** (2006.01); **E05F 3/16** (2006.01); **E05F 3/20** (2006.01); **E05F 5/06** (2006.01)

CPC (source: EP US)
E05F 1/1215 (2013.01 - EP US); **E05F 1/1223** (2013.01 - EP US); **E05F 3/14** (2013.01 - EP US); **E05F 3/16** (2013.01 - EP US); **E05F 3/20** (2013.01 - EP US); **E05F 5/06** (2013.01 - EP US); **E05Y 2201/21** (2013.01 - EP US); **E05Y 2201/254** (2013.01 - EP US); **E05Y 2201/256** (2013.01 - EP US); **E05Y 2201/266** (2013.01 - EP US); **E05Y 2900/502** (2013.01 - EP US)

Citation (search report)
• [XY] US 3955241 A 19760511 - LITTLE CARL H
• [XY] FR 2684962 A1 19930618 - LIR FRANCE SA [FR]
• [X] DE 9114977 U1 19920206
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EP 0894933 A2 19990203; **EP 0894933 A3 20020724**; **EP 0894933 B1 20051102**; CA 2242127 A1 19990107; CA 2242127 C 20070410; DE 59813153 D1 20051208; ES 2251067 T3 20060416; US 6164592 A 20001226

DOCDB simple family (application)
EP 98890197 A 19980707; CA 2242127 A 19980630; DE 59813153 T 19980707; ES 98890197 T 19980707; US 11095298 A 19980707