

Title (en)
Device for the pivoting movement of a glass panel, in particular for (refrigerated) display counters

Title (de)
Vorrichtung zur Schwenkbewegung einer Scheibe, insbesondere an Kühl- oder Verkaufstheken

Title (fr)
Dispositif à pivotement d'un panneau de verre, en particulier pour comptoirs de vente (réfrigérés)

Publication
EP 0664987 B1 19970122 (DE)

Application
EP 94119794 A 19941215

Priority
DE 4402727 A 19940129

Abstract (en)
[origin: US5618089A] A device for the swiveling movement of a sheet is described. A stationary bearing part supports an articulated part in a swivelable manner. The articulated part supports the sheet and is movable about a substantially horizontal swivel axis. The sheet is accordingly movable between a lowered position and a raised position, the direction of this movement being determined by a vertical swiveling plane. Energy accumulators, e.g., pneumatic springs, serve as auxiliary lifting means for raising the sheet. These energy accumulators have two connection ends which are loaded in opposite directions and determine the effective direction of force of the energy accumulator. For the purpose of an advantageous arrangement of the device which economizes on space, it is proposed that the energy accumulator be arranged with its effective direction of force substantially transverse to the swiveling plane of the sheet. The two connection ends of the energy accumulator are constructed as three-dimensionally acting rolling joints.

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A47F 3/00; **E05F 1/10**

IPC 8 full level
A47F 3/00 (2006.01); **E05F 1/10** (2006.01)

CPC (source: EP US)
A47F 3/007 (2013.01 - EP US); **E05F 1/1091** (2013.01 - EP US); **A47F 2003/008** (2013.01 - EP US); **E05Y 2201/416** (2013.01 - EP US); **E05Y 2600/40** (2013.01 - EP US); **E05Y 2800/21** (2013.01 - EP US); **E05Y 2800/242** (2013.01 - EP US); **E05Y 2900/204** (2013.01 - EP US); **E05Y 2900/306** (2013.01 - EP US); **F25D 2323/024** (2013.01 - EP US); **F25D 2400/10** (2013.01 - EP US)

Cited by
EP3095939A1; ITGO20120004A1; FR3138638A1; WO2024028190A1

Designated contracting state (EPC)
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US 5618089 A 19970408; AT E147955 T1 19970215; CA 2141264 A1 19950730; CA 2141264 C 20050405; DE 4402727 C1 19950614; EP 0664987 A1 19950802; EP 0664987 B1 19970122; ES 2097606 T3 19970401; FI 103293 B1 19990531; FI 103293 B 19990531; FI 950334 A0 19950126; FI 950334 A 19950730

DOCDB simple family (application)
US 37744195 A 19950124; AT 94119794 T 19941215; CA 2141264 A 19950127; DE 4402727 A 19940129; EP 94119794 A 19941215; ES 94119794 T 19941215; FI 950334 A 19950126