

Title (en)

SELF-CLOSING HINGE AND A DOOR ASSEMBLY WITH A SELF-CLOSING HINGE

Title (de)

SELBSTSCHLIESSENDES SCHARNIER UND TÜRANORDNUNG MIT EINEM SELBSTSCHLIESSENDEN SCHARNIER

Title (fr)

CHARNIÈRE À FERMETURE AUTOMATIQUE ET ENSEMBLE PORTE DOTÉ D'UNE CHARNIÈRE À FERMETURE AUTOMATIQUE

Publication

**EP 3926134 A1 20211222 (EN)**

Application

**EP 21460028 A 20210621**

Priority

PL 43438620 A 20200619

Abstract (en)

The object of the invention is a self-closing hinge (1) especially designed for refrigerated racks and containing a gas spring (2), characterized in that it consists of a hinge (3) in the shape of a flat polygon on one apex of which there is a pin (31) perpendicular to the surface of the hinge (3) and on the other apex there is a ball pin (33), on which a ball socket (21) of one end of the gas spring (2) is movably fixed, while on the opposite side to the second apex of the hinge (3) there is at least one mounting hole (32) intended for fixing the hinge (3) on the door leaf, furthermore the other end of the gas spring (2) is intended to be fixed via the ball socket (21) on the ball pin located on the door frame. The object of the invention is also door assembly, especially of a refrigerated rack, with a self-closing hinge.

IPC 8 full level

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Citation (applicant)

- EP 1619409 B1 20080123 - STABILUS GMBH [DE]
- EP 3366164 B1 20190904 - EPTA SPA [IT]

Citation (search report)

- [XY] DE 20317273 U1 20050217 - VIESSMANN KAELETETECHNIK AG [DE]
- [YD] EP 3366164 B1 20190904 - EPTA SPA [IT]

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