

Title (en)

COMPACT SPRING UNIT AND LATCH DEVICE FOR A HINGE SYSTEM

Title (de)

KOMPAKTE FEDEREINHEIT UND VERRIEGELUNGSVORRICHTUNG FÜR EIN SCHARNIERSYSTEM

Title (fr)

UNITÉ DE RESSORT COMPACTE ET DISPOSITIF DE VERROUILLAGE POUR UN SYSTÈME DE CHARNIÈRE

Publication

EP 4361391 A1 20240501 (EN)

Application

EP 23204561 A 20231019

Priority

NO 20221123 A 20221019

Abstract (en)

The invention relates to a compact spring unit for providing a spring force to a latch device, also referred to as a safety catch. The invention may be used for, but is not limited to doors or windows. The safety catch is a part of an extendable hinge system. The invention further relates to a method of easily and effectively assembling the latch device.

IPC 8 full level

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CPC (source: DK EP NO)

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Citation (applicant)

WO 03021066 A1 20030313 - SPILKA IND AS [NO], et al

Citation (search report)

- [XA] US 8186102 B1 20120529 - LAWRENCE BARRY G [US]
- [XA] GB 2366323 A 20020306 - DGS HARDWARE LTD [GB]
- [XAI] WO 2019093421 A1 20190516 - TOK INC [JP]
- [XA] WO 9905379 A1 19990204 - GEZE GMBH & CO [DE], et al

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC ME MK MT NL NO PL PT RO RS SE SI SK SM TR

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