

Title (en)

A SNAP HINGE WITH A DAMPER DEVICE

Title (de)

SCHNAPPSCHARNIER MIT EINER DÄMPFERVORRICHTUNG

Title (fr)

CHARNIÈRE À DÉCLIC DOTÉE D'UN DISPOSITIF D'AMORTISSEMENT

Publication

**EP 3795790 B1 20230125 (EN)**

Application

**EP 20197051 A 20200918**

Priority

- EP 19198760 A 20190920
- IT 201900017906 A 20191003

Abstract (en)

[origin: CN112539009A] Fastening hinge (1) with damping means, comprising a hinge arm (4) extending in a normal longitudinal direction (X-X) and a hinge cup (3) connected by first hinge means (11, 12, 13, 14, 15, 16) to reversibly transition from a closed hinge configuration to an open hinge configuration; the hinge further comprises a leaf spring (30) acting between the hinge cup and the hinge arm to enable the hinge (1) to be closed quickly and a damping device (2) generating a braking effect to slow down the approaching speed between the hinge cup (3) and the hinge arm (4), and advantageously, the leaf spring (30) and the damping device (2) are both located below the hinge arm (4). The hinge arms (4) are arranged parallel to each other side by side in the longitudinal direction (X-X) so as not to overlap each other in a plane perpendicular to the longitudinal side walls (4b) of the hinge arms (4).

IPC 8 full level

**E05D 11/10** (2006.01); **E05F 5/00** (2006.01)

CPC (source: CN EP)

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Cited by

IT202100011615A1; IT202100031526A1; AT18223U1; WO2023111719A1

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