

Title (en)

Hinge for the articulated connection of adjacent vehicle bodies

Title (de)

Gelenkanordnung zum gelenkigen Verbinden von zwei benachbarten Wagenkästen

Title (fr)

Charnière pour la jonction articulée de châssis de wagons voisins

Publication

**EP 1884434 B1 20081008 (DE)**

Application

**EP 06015897 A 20060731**

Priority

EP 06015897 A 20060731

Abstract (en)

[origin: EP1884434A1] The hinge (1) has an energy compensation unit integrated in a hinge joint, which is formed with hinge arms (10, 20) and a hinge bearing. The energy compensation unit has a fixable longitudinal stroke that maximally arises during energy compensation, where the stroke defines maximum longitudinal displacement of two base plates (2, 4) relative to each other. An impact unit (40) is arranged in a frontal end section (12) of the hinge arm (10), and includes an impact surface that faces the base plate (4).

IPC 8 full level

**B61D 15/06** (2006.01); **B61G 5/02** (2006.01)

CPC (source: EP)

**B61D 3/10** (2013.01); **B61D 15/06** (2013.01); **B61G 5/02** (2013.01)

Cited by

DE102017114376A1; DE102018101043A1; WO2020193711A1; WO2019002427A1; WO2019030374A1; CN113631457A; KR20200059211A; RU2741665C1; JP2020530420A; WO2020035196A1; DE102022110742A1; WO2023213770A1; US11383741B2; DE102023104207A1; DE102023104201A1; WO2023156673A1; WO2023156674A1; US11511778B2; US11535285B2

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