

Title (en)

Hinging device for doors of furniture units of vehicles, particularly caravans, motorhomes and boats

Title (de)

Scharniervorrichtung für Türen von Möbelteilen in Fahrzeugen, insbesondere für Wohnwagen, mobile Häuser und Boote

Title (fr)

Dispositif charnière pour portes de meubles de véhicules, en particuliers de caravanes, campings-cars et bateaux

Publication

EP 2078811 A2 20090715 (EN)

Application

EP 08172377 A 20081219

Priority

IT MO20080003 A 20080108

Abstract (en)

The hinging device for doors of furniture units of vehicles, particularly caravans, motorhomes and boats, comprises a first element associable with a furniture unit, a second element associable with a door, rotation means which are placed between the first element and the second element and which are suitable for permitting the mutual rotation substantially around a swinging axis between a closing configuration of the door and an opening configuration of the door, and a gas spring which is provided with a first extremity associable with the first element and with a second extremity associable with the second element and which is suitable for making the opening and/or the closing of the door easier.

IPC 8 full level

E05F 1/10 (2006.01); **E05F 1/12** (2006.01)

CPC (source: EP)

E05F 1/1058 (2013.01); **E05F 1/1091** (2013.01); **E05F 1/1292** (2013.01); **E05Y 2900/20** (2013.01); **E05Y 2900/512** (2013.01)

Citation (applicant)

- US 4430770 A 19840214 - NIEKRASZ FRANK M [US], et al
- WO 2007045631 A1 20070426 - SALICE ARTURO SPA [IT], et al
- DE 20100662 U1 20010419 - SALICE ARTURO SPA [IT]
- WO 2006114255 A1 20061102 - SUSPA HOLDING GMBH [DE], et al

Cited by

WO2020124109A1; WO2019068491A1; IT201700112315A1; AT522092A4; AT522092B1; EP4202165A1; IT202100032108A1; US2018313101A1; US10526807B2; AT519632A1; AT519632B1; EP4325010A1; US11078680B2; US11697957B2; EP4113047A1; IT202100017336A1; US11136805B2; US11795716B1; US12084883B1; US11391054B2; US11891836B2; US11098515B2; US11359396B2; US11808050B2

Designated contracting state (EPC)

DE FR GB IT SI

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

EP 2078811 A2 20090715; **EP 2078811 A3 20091118**; IT MO20080003 A1 20090709

DOCDB simple family (application)

EP 08172377 A 20081219; IT MO20080003 A 20080108