

Title (en)
Door hinge

Title (de)
Türscharnier

Title (fr)
Charnière de porte

Publication
EP 1522665 B1 20070801 (DE)

Application
EP 04021164 A 20040906

Priority
DE 10346809 A 20031006

Abstract (en)
[origin: EP1522665A1] Door hinge, especially for a vehicle, comprises a pillar bracket (5) for attaching to the vehicle, a door bracket (3) for attaching to a door, and a snib (2) with a spring element (6) engaging in catches in a carrier plate (7). The pillar bracket and the door bracket are connected to each other via a hinge pin (4). A cam (11) rotationally fixed to the free end (9) of the spring element running in the region of the carrier plate engages with its outer surface in the carrier plate. An independent claim is also included for a spring element, especially for use in the above door hinge.

IPC 8 full level
E05D 11/10 (2006.01)

CPC (source: EP)
E05D 11/1042 (2013.01); **E05Y 2900/531** (2013.01)

Cited by
CN108104643A; US10612285B1

Designated contracting state (EPC)
FR

DOCDB simple family (publication)
EP 1522665 A1 20050413; EP 1522665 B1 20070801; DE 10346809 A1 20050428; DE 10346809 B4 20051215

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