

Title (en)

HINGE HAVING STOP NOTCHES FOR A DOOR, PARTICULARLY A CAR DOOR

Title (de)

TÜRSCHARNIER MIT HALTEVERTIEFUNGEN, INSBESONDERE FÜR KRAFTFAHRZEUGE

Title (fr)

CHARNIERE A CRANS DE RETENUE POUR UNE PORTE, NOTAMMENT D'UN VEHICULE AUTOMOBILE

Publication

EP 0563032 B1 19960131 (FR)

Application

EP 90910134 A 19900620

Priority

- FR 9000448 W 19900620
- FR 8905030 A 19890412

Abstract (en)

[origin: US5311644A] PCT No. PCT/FR90/00448 Sec. 371 Date Nov. 25, 1992 Sec. 102(e) Date Nov. 25, 1992 PCT Filed Jun. 20, 1990 PCT Pub. No. WO91/19876 PCT Pub. Date Dec. 26, 1991. A door hinge having a particularly reliable and solid stop and holding device. The movable part (13) of the hinge lies along the hinge pin (1) between the fixed part (14) and a housing (17) which contains the holding mechanism and is integral with the fixed part (14). In the housing, a pivotable lever (19) is rotationally fastened to the movable part (13) and supports a roller (26) against which one or more notches (42, 45) are pushed by a spring-loaded device (31, 40). The notches define the open positions of the door (11). The housing (17) is sealed and fits onto the fixed part and the hinge pin. The hinge can be used particularly in motor vehicle doors.

IPC 1-7

E05D 11/10

IPC 8 full level

E05D 11/10 (2006.01)

CPC (source: EP US)

E05D 11/1071 (2013.01 - EP US); **E05Y 2900/531** (2013.01 - EP US)

Cited by

EP0893565B1

Designated contracting state (EPC)

AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)

US 5311644 A 19940517; EP 0563032 A1 19931006; EP 0563032 B1 19960131; WO 9119876 A1 19911226

DOCDB simple family (application)

US 95285492 A 19921125; EP 90910134 A 19900620; FR 9000448 W 19900620