

Title (en)

DOOR HINGE WITH AN INTEGRAL CHECK, ESPECIALLY FOR VEHICLE DOORS

Publication

EP 0208085 A3 19870520 (DE)

Application

EP 86106419 A 19860512

Priority

DE 3524312 A 19850706

Abstract (en)

[origin: EP0208085A2] 1. A door hinge with an integral door check (11) for vehicle doors (2), comprising a first hinge half (3) and a second hinge half (5) connected to the first hinge half by means of a hinge pin (4), the door check (11) comprising a locking member (12) arranged on one hinge half (5) and a locking arm (14) pivotably mounted on the other hinge half (3) and cooperating with the locking member (12) and being provided on the side facing the locking member with locking recesses (17) and at least one cam (18) arranged between the locking recesses and acted upon on the opposite side by a spring element (13), which exerts a contact force against the locking arm (14), characterised in that the spring element (13) cooperates with a stressing device (26) in such a manner that the value of the contact force (F) of the spring element (13) can be altered.

IPC 1-7

E05D 11/10

IPC 8 full level

E05D 11/10 (2006.01)

CPC (source: EP)

E05D 11/1057 (2013.01); **E05Y 2201/21** (2013.01); **E05Y 2201/25** (2013.01); **E05Y 2900/531** (2013.01)

Citation (search report)

- [AD] GB 1408773 A 19751008 - BLOXVICH LOCK STAMPING
- [A] DE 2415888 A1 19751016 - SCHARWAECHTER KG
- [A] GB 404854 A 19340125 - JOHN ROBERT SHATTOCK
- [A] GB 1577566 A 19801029 - CHRYSLER FRANCE
- [A] FR 2258508 A1 19750818 - PAUMELLERIE ELECTRIQUE [FR]

Cited by

US6601268B2; US4893863A; US7908712B2; ITVI20130099A1; US5029930A; GB2507353A; US5074609A; EP0228806A3; WO0034608A1

Designated contracting state (EPC)

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