

Title (en)
Housing for a load control device

Title (de)
Gehäuse für eine Lastverstellvorrichtung

Title (fr)
Boîtier pour dispositif de commande de charge

Publication
EP 1063405 A3 20010801 (DE)

Application
EP 00109410 A 20000503

Priority
DE 19928631 A 19990623

Abstract (en)
[origin: EP1063405A2] The housing consists of two parts connected via a fastener, e.g. a metal plate strip (10) held on one of the housing parts (2,3). The strip has beading (12) to engage behind a circumferential edge (9) of the other housing part. One housing part is cup-shaped to contain the drive for the adjusting device, and has the edge. The second housing part forms a cover and is formed integrally with the metal strip. This part is an injection-molded plastic part, and the strip is of aluminum.

IPC 1-7
F02D 9/10

IPC 8 full level
F02D 9/10 (2006.01); **F02M 7/23** (2006.01); **F02M 35/02** (2006.01)

CPC (source: EP KR US)
F02D 9/1065 (2013.01 - EP KR US); **F02M 35/0203** (2013.01 - EP KR US); **F05C 2201/021** (2013.01 - EP KR US);
Y10T 74/2186 (2015.01 - EP US)

Citation (search report)

- [Y] DE 19540586 A1 19970507 - BOSCH GMBH ROBERT [DE]
- [PYA] DE 29821109 U1 20000406 - JACOB FORMSCHAUMTECHNIK GMBH K [DE]
- [A] US 2358607 A 19440919 - TINNEMAN GEORGE A
- [A] US 3353341 A 19671121 - WILLIAM STRIPP PETER
- [A] US 1685367 A 19280925 - JOHN LEE, et al
- [A] DE 19633513 A1 19980226 - PIERBURG AG [DE]
- [A] US 3104136 A 19630917 - MERRIMAN HENRY H
- [A] PATENT ABSTRACTS OF JAPAN vol. 014, no. 069 (M - 0932) 8 February 1990 (1990-02-08)

Cited by
CN103946592A; WO2013079414A1

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