

Title (en)

Aperture for housing a lock.

Title (de)

Öffnung zur Montage eines Schlosses.

Title (fr)

Orifice de montage de serrure.

Publication

EP 0292088 A1 19881123 (EN)

Application

EP 88301021 A 19880208

Priority

GB 8708918 A 19870414

Abstract (en)

To improve security, a motor vehicle body closure panel, such as a tailgate or a door, has a non-circular aperture 2 for a lock. The aperture (2) has first and second sides (11,12) extending parallel to each other, third and fourth (13,14) sides which are disposed symmetrically about a centre line (3) of the aperture (2), extend along straight lines generally at right angles to the first and second sides (11,12) and converge towards the second side (12), fifth and sixth sides (15,16) extending along straight lines and connecting the first side (11) with the third and fourth sides (13,14) respectively, and seventh and eighth sides (17,18) connecting the second side (12) with the third and fourth sides (13,14), the seventh and eighth sides (17,18) each having a curved section (17a,18a) and a straight section (17b,18b) extending tangentially from the curved section (17a,18a). The aperture resists rotation of a lock of complementary shape, even under high torques, and can be stamped out without causing rapid wear in tooling.

IPC 1-7

E05B 9/08

IPC 8 full level

E05B 9/08 (2006.01)

CPC (source: EP)

E05B 9/084 (2013.01)

Citation (search report)

- [X] GB 668149 A 19520312 - MARTIN JENSEN
- [A] DE 546049 C 19320312 - NIEDERDRENK & CO AKT GES
- [A] GB 618766 A 19490228 - FREDERICK BOYCE, et al
- [A] DE 533217 C 19310918 - SCHLOSSFABRIK AKT GES VORM WIL
- [A] US 1389805 A 19210906

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