

Title (en)
Locking device for a hood

Title (de)
Verriegelungsvorrichtung für eine Motorhaube

Title (fr)
Dispositif de verrouillage pour capot

Publication
EP 2341204 B1 20170322 (EN)

Application
EP 10382283 A 20101028

Priority
ES 200902378 A 20091222

Abstract (en)
[origin: EP2341204A2] The invention relates to a locking device (1) for an automotive vehicle hood, comprising a rotating latch (2), actuatable by the locking anchor (3) of a hood during the closing operation thereof, an auxiliary safety latch (4) rotating together with the latch, and a corresponding auxiliary safety catch (5) provided with interlocking means (7) intended to cooperate mechanically with complementary stop means (8) provided in the auxiliary safety latch to interrupt the rotation of the latch; and subsequently automatically move the interlocking means (7) away from the path of the auxiliary safety latch (4), consequently allowing the free rotation of the latch if, after the closing of the hood, it is actuated again by the locking anchor, for example when the latter shifts in the closing direction as a consequence of a crash or of running over a pedestrian.

IPC 8 full level
E05B 77/08 (2014.01)

CPC (source: EP)
E05B 77/08 (2013.01)

Cited by
US2015191943A1; CN113428241A; EP3071768A4; EP3444418A1; US11318909B2; US11066854B2; US10717407B2; US10781614B2; WO2015103363A3; WO2017108023A1; US10577842B2; US11060327B2; US11203888B2

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