Title (en)

HOOD SAFETY CLOSURE SYSTEM HAVING SEPARATE CATCH HOOK CONTROL

Title (de)

FRONTKLAPPENSICHERHEITSSCHLIESSSYSTEM MIT SEPARATER FANGHAKENSTEUERUNG

Title (fr)

SYSTÈME DE FERMETURE DE SÉCURITÉ DE CLAPET AVANT DOTÉ D'UNE COMMANDE SÉPARÉE DE CROCHET D'ARRÊT

Publication

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Application

EP 08870765 A 20081122

Priority

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- DE 102008005273 A 20080119

Abstract (en)

[origin: WO2009089865A1] The invention relates to a hood safety closure system for motor vehicles, comprising essentially a rotary catch (4) arranged about an axis (3) in a pivotable way, a catch hook (5) associated therewith, a closing bracket (6), and a detent pawl (2), which is likewise pivotally arranged about an axis (1). In the closed position of the hood, the rotary catch (4) is operatively connected to the closing bracket (6) arranged on the hood in that the rotary catch (4) receives the middle limb (10) of the substantially U-shaped closing bracket (6) within a fork-shaped recess (8) that is adapted to the shape of the closing bracket (6). When the closure of the hood is released, the closing bracket (6) is operatively connected to the catch hook (5) performing a safety function as the lock is released by the rotary catch, wherein the rotary catch (4) and the detent pawl (2) each have a stop associated therewith, and the detent pawl (2) can be actuated by a Bowden cable or electromotive drive. According to the invention, the catch hook (5) can be pivoted independently from the rotary catch (4) about an axis (3a) that is parallel to the rotation axis (3) of the rotary catch (4).

IPC 8 full level

E05B 65/19 (2006.01)

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