

Title (en)
HOOD LOCK STRUCTURE

Title (de)
HAUBENVERSCHLUSSSTRUKTUR

Title (fr)
STRUCTURE DE VERROUILLAGE DE CAPOT

Publication
EP 2615012 A4 20130821 (EN)

Application
EP 10856988 A 20100909

Priority
JP 2010065552 W 20100909

Abstract (en)
[origin: EP2615012A1] A hood lock structure is obtained that, while ensuring operability of an auxiliary lever, can make a deformation stroke of a front end portion of a hood large when a collision body collides with the hood from a front-most end side thereof. An upper portion side of a hood catch (50) and an auxiliary lever (60) are connected by a connecting structure (70) so as to be able to rotate and be displaced integrally around an axis of a first pin (34) that is in a hood transverse direction. Further, when load of a predetermined value or more toward a vehicle rear lower side is inputted to the auxiliary lever (60) in a closed state of the hood (14), relative rotational displacement, around an axis of a second pin (66) that is in the hood transverse direction, of the auxiliary lever (60) with respect to the hood catch (50) due to input of the load is permitted by the connecting structure (70).

IPC 8 full level
B62D 25/12 (2006.01); **B60R 21/34** (2011.01); **B62D 25/10** (2006.01)

CPC (source: EP)
E05B 77/08 (2013.01); **E05B 83/16** (2013.01); **E05B 83/24** (2013.01)

Citation (search report)

- No further relevant documents disclosed
- See references of WO 2012032641A1

Cited by
FR3053715A1; US11318909B2; US11066854B2; US11060327B2; US11220849B2; US10717407B2

Designated contracting state (EPC)
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