

Title (en)  
HOOD LOCK STRUCTURE

Title (de)  
HAUBENVERSCHLUSSSTRUKTUR

Title (fr)  
STRUCTURE DE VERROUILLAGE DE CAPOT

Publication  
**EP 2615012 B1 20140514 (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  
**E05B 77/08** (2014.01); **B62D 25/10** (2006.01); **B62D 25/12** (2006.01); **E05B 77/02** (2014.01); **E05B 83/24** (2014.01)

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

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

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DOCDB simple family (publication)  
**EP 2615012 A1 20130717; EP 2615012 A4 20130821; EP 2615012 B1 20140514**; JP 5136702 B2 20130206; JP WO2012032641 A1 20131212; WO 2012032641 A1 20120315

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