

Title (en)

LOCK, IN PARTICULAR FOR A VEHICLE TAIL HATCH, WITH TRANSVERSE IMMOBILISATION AND AUTOMATIC TAKE-UP OF SLACK

Publication

**EP 0314075 B1 19920102 (EN)**

Application

**EP 88117768 A 19881025**

Priority

IT 5378087 U 19871030

Abstract (en)

[origin: EP0314075A1] A lock for a vehicle tail hatch is described, composed of a lock plate mountable rigid with the hatch and defined by a bracket provided with a projecting trapezoidal element, and a striker unit mountable rigid with the vehicle body in the luggage compartment and comprising a further bracket and a striker pin (5) which is engaged by a rotatable fork (22) carried by the lock plate with the trapezoidal element which is inserted into the striker unit bracket; this latter bracket laterally carries a pair of wedge-shaped blocks (26) slidable against the action of springs in the direction in which the trapezoidal element is inserted into the striker unit bracket, said blocks cooperating with respective oblique edges of the trapezoidal element such that these latter cause them to retract by different amounts if the positions of the lock plate and striker unit differ transversely, so as to enable the trapezoidal element to be inserted into the striker unit bracket with consequent lateral immobilisation of the lock plate under all conditions.

IPC 1-7

**E05B 65/19**

IPC 8 full level

**E05B 15/00** (2006.01); **E05B 65/19** (2006.01)

CPC (source: EP)

**E05B 15/0006** (2013.01); **E05B 15/022** (2013.01); **E05B 83/16** (2013.01)

Cited by

EP1329576A1; CN111997455A; DE10018560A1; EP1146185A3; DE4321586A1; US5411302A; US2012161454A1; CN102561834A; US8944479B2; US2012112477A1; CN102561836A; US2013047373A1; US9121205B2; EP0851078A1; EP0507647A1; FR2674562A1; US2010223855A1; US8439409B2; US6241039B1; US7029043B2; US7025395B2; EP1146185A2

Designated contracting state (EPC)

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