

Title (en)

AUTOMATIC MOVING AND LOCKING DEVICE, ESPECIALLY FOR THE REAR-DOOR OF A MOTOR VEHICLE

Publication

**EP 0017515 B1 19820505 (FR)**

Application

**EP 80400158 A 19800131**

Priority

FR 7906766 A 19790316

Abstract (en)

[origin: ES488849A1] A device is disclosed for the automatic remote control and locking of a trunk lid or hatchback 1 connected by a hinge to the upper part of an automobile body around a transverse axis 2 and balanced by a stabilizing device. The hatchback 1 may be controlled by means of a rod 12 which is connected at one end to the hatchback and at the other end to a point of a first cogged sector 17 which is caused to rotate, along a predetermined path, by a remote-controlled electric motor 11. The hatchback may, in addition, be automatically locked after folding back onto the body portion of the trunk 3 by mechanical means 13, 18, 31 brought into play by the electric motor once the rod and first sector have stopped working.

IPC 1-7

**E05F 15/12**

IPC 8 full level

**E05F 15/12** (2006.01)

CPC (source: EP US)

**E05F 15/619** (2015.01 - EP US); **E05F 15/63** (2015.01 - EP US); **E05Y 2201/722** (2013.01 - EP US); **E05Y 2800/74** (2013.01 - EP US); **E05Y 2900/546** (2013.01 - EP US)

Cited by

US5025591A; US5062241A; US5216838A; US5239779A; US5069000A; US4984385A; US5708338A; US5189839A; DE19744908B4; DE19744908B8; DE10303117B4; US5684470A; US5389920A; US5140316A

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