

Title (en)

Motor vehicle door lock

Title (de)

Kraftfahrzeugtürverschluss

Title (fr)

Serrure de porte pour véhicule automobile

Publication

EP 1225290 B1 20060712 (DE)

Application

EP 02000945 A 20020116

Priority

US 76735801 A 20010123

Abstract (en)

[origin: EP1225290A2] A click-and-pawl drive (5) uses a driven pulley (DP) (6) to make an extension (13) on a detent pawl (2) release a rotary latch. The DP has a guide curve (15) for the extension moving along it. A near-center spiral readjusting spring (8) engages in a slot for the optional use of a manipulating tool while a far-center end rests against a stop. The click-and-pawl drive has an electric motor (5a) that engages the DP's outer screw thread by means of a worm gear (5b).

IPC 8 full level

E05B 65/12 (2006.01); **E05B 47/00** (2006.01)

CPC (source: EP US)

E05B 81/14 (2013.01 - EP US); **Y10S 292/23** (2013.01 - EP US); **Y10T 292/1047** (2015.04 - EP US); **Y10T 292/1082** (2015.04 - EP US)

Citation (examination)

US 4766747 A 19880830 - NORMAN ALAN ERNEST [GB]

Cited by

DE102012003743A1; DE102018109477A1; DE102017124517A1; WO2019076409A1; CN105275265A; DE102007024672A1; DE202012001960U1; CN104271858A; CN111989451A; DE202012001961U1; US11673492B2; US11085211B2; WO2013127384A1; DE202012003171U1; WO2013143522A2; WO2019201380A1; US11466486B2; WO2013127382A2; US9551172B2; US11525288B2

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