

Title (en)

Anti-theft device for motor vehicle wheels.

Title (de)

Diebstahlsicherung für Kraftfahrzeug-Räder.

Title (fr)

Antivol pour roues de véhicules automobiles.

Publication

**EP 0463744 A2 19920102 (EN)**

Application

**EP 91304908 A 19910530**

Priority

DE 4020067 A 19900623

Abstract (en)

An anti-theft device for motor vehicle wheels comprises a casing (10) covering the polygonal head (4) of a wheel nut or bolt (1) in which there is rotatably arranged a lock cylinder (21) the tumblers (23) of which project beyond the surface of the lock cylinder (21) and enter annular grooves (6) on the internal wall of the polygonal head in the anti-theft position. The tumblers (23) can be adjusted into a position retracted from the annular grooves by insertion of the key (30), the key (30) having a projection (33) which lies in the plane of the key channel (28) and passes behind an annular shoulder (19) at the end face of the casing (10) when the key is inserted and turned from the basic position, this casing (10) trapping the key (30) against withdrawal and forming a transverse slot (20) for the passage of the projection (33). At least one projecting catch (25) is shaped on the lock cylinder (21) and passes behind the annular shoulder (19) covering an annular groove (17) of the casing (10) into which the projection (33) of the key (30) projects. <IMAGE>

IPC 1-7

**E05B 9/08**; **E05B 29/00**; **F16B 41/00**

IPC 8 full level

**E05B 9/08** (2006.01); **E05B 29/00** (2006.01); **F16B 41/00** (2006.01)

CPC (source: EP)

**E05B 9/086** (2013.01)

Cited by

EP1593563A1; CN108457972A; CN101936323A; CN103899631A; DE4442125C1; EP0713946A3; EP0795662A1; FR2746133A1; DE10107398C2; EP0994263A1; FR2784330A1; GB2349170A; GB2349170B; WO03064869A1

Designated contracting state (EPC)

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