

Title (en)  
AN ACTIVE GRILLE SHUTTER SYSTEM

Title (de)  
AKTIVES GITTERVERSCHLUSSSYSTEM

Title (fr)  
SYSTÈME D'OBTURATEUR DE GRILLE ACTIVE

Publication  
**EP 3829915 A1 20210609 (EN)**

Application  
**EP 19879393 A 20190724**

Priority  
• CN 201811302657 A 20181102  
• CN 2019097526 W 20190724

Abstract (en)  
[origin: WO2020088000A1] An AGS system comprising: an electrical motor (1), a vane linkage lever (3, 3'), vanes (4, 4'), and a grille body, the two ends of the vanes (4, 4') being connected to the grille body, the vane linkage lever (3, 3') being connected with one end of the vanes (4, 4') and driving the vanes (4, 4') to rotate, the system further comprises a rotary lever (2), the rotary lever (2) being connected with the electrical motor (1) via a spline extending along the Y direction through the electrical motor (1), the rotary lever (2) being connected with the vane linkage lever (3, 3'), and the rotary lever (2) rotating in the XZ plan when driven by the electrical motor (1) so as to drive the vane linkage lever (3, 3') to rotate.

IPC 8 full level  
**B60K 11/08** (2006.01)

CPC (source: CN EP)  
**B60K 11/08** (2013.01 - EP); **B60K 11/085** (2013.01 - CN EP); **Y02T 10/88** (2013.01 - EP)

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**WO 2020088000 A1 20200507**; CN 109228849 A 20190118; CN 109228849 B 20231010; EP 3829915 A1 20210609; EP 3829915 A4 20211020

DOCDB simple family (application)  
**CN 2019097526 W 20190724**; CN 201811302657 A 20181102; EP 19879393 A 20190724