

Title (en)  
DRIVE DEVICE FOR GATES OR THE LIKE

Publication  
**EP 0290957 B1 19910724 (DE)**

Application  
**EP 88107219 A 19880505**

Priority  
• DE 3715936 A 19870513  
• DE 8706868 U 19870513

Abstract (en)  
[origin: US4848175A] Apparatus for moving a pivotable gate or the panel of a swinging door has a U-shaped or H-shaped frame with a plate-like web which supports a motor and two flanges which carry a turnable output shaft receiving motion from the motor by way of a linkage. The motor serves to turn the output shaft to one end position and one or more springs are used to permanently bias the output shaft to another end position. The web has holes for screws which are used to secure the frame to a housing or a like support, e.g., in a recess so that the web overlies the open side of the recess and the output shaft is located externally of the housing to be connectable to or detachable from a gate or a door panel. The frame and the parts thereon can be assembled at the manufacturing plant into a self-sustaining module.

IPC 1-7  
**B61L 29/08; E01F 13/00; E05F 15/12**

IPC 8 full level  
**E01F 13/06** (2006.01)

CPC (source: EP US)  
**E01F 13/06** (2013.01 - EP US); **Y10T 74/18856** (2015.01 - EP US)

Cited by  
CN104878707A; US5415055A; DE10353366B3; FR2718165A1; CN103774590A; EP0438364A1; FR2656884A1; WO2005049948A1; WO9205314A1; WO9115633A1; US6272943B1

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