

Title (en)  
Device for the motorized opening and closing of a gate.

Title (de)  
Vorrichtung zum motorisierten Öffnen und Verschiessen eines Portals.

Title (fr)  
Dispositif de motorisation de l'ouverture et du verrouillage d'un portail.

Publication  
**EP 0015857 A1 19800917 (FR)**

Application  
**EP 80420023 A 19800225**

Priority  
FR 7905679 A 19790228

Abstract (en)  
1. Apparatus for motorizing the opening and locking of a gate, more particularly of a gate with two leaves, comprising for actuating each leaf (1, 2) a tubular electric motor (14, 15) mounted along the vertical pivot axis of said leaf and located in the upper part of the leaf in a vertical tubular member (5) integral with the leaf, the stator (27) of this tubular motor (14, 15) and its output shaft (32) being connected to rotate, one with a fixed member (3) and the other with a component (5) of the leaf, characterised in that the tubular motor (14, 15), a torque limiter (33) associated with this tubular motor, electro-magnetic locking means (17, 18, 20) excited by the starting-up of said tubular motor as well as the electrical wires (19) supplying the electromagnetic locking means are all housed inside members (5, 6, 8) belonging in their own right to the leaf (1, 2).

Abstract (fr)  
Ce dispositif concerne la motorisation et le verrouillage d'un portail à deux vantaux (1, 2), articulés sur des pivots (3, 4). Il est prévu, pour actionner chaque vantail, un moteur électrique tubulaire (14, 15), associé à un limiteur de couple et monté suivant l'axe de pivotement du vantail, à l'intérieur d'un élément tubulaire vertical (5) du vantail. Le moteur a son arbre de sortie lié audit élément, et son stator lié au pivot supérieur (3) du vantail. Ce dernier comprend en outre des moyens de verrouillage électromagnétiques (17, 18), excités par la mise en marche du moteur tubulaire (14, 15). L'ensemble du dispositif est ainsi intégré dans les vantaux.

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