

Title (en)
Improved motor-driven gate

Title (de)
Verbessertes motorbetriebenes Tor

Title (fr)
Portail motorisé amélioré

Publication
EP 0882866 A3 20001227 (EN)

Application
EP 98201803 A 19980602

Priority
IT MI970397 U 19970603

Abstract (en)
[origin: EP0882866A2] The improvement consists in providing a motor-driven gate (2) with a 12 Volt DC electric motor (22), said motor being powered by an accumulator battery (18) associated to a battery charger (17) which can be connected to the 220 V power grid. In this way, the gate (2) can always be automatically driven independently of the presence of the power grid voltage. The electric system (6) and the gate (2) according to the present invention, besides being reliable, are more economical and safer with regard to electric shocks. <IMAGE>

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E05F 15/10; E05F 15/02

IPC 8 full level
E05F 15/04 (2006.01); **E05F 15/12** (2006.01)

CPC (source: EP)
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Citation (search report)
• [XY] US 4416085 A 19831122 - LYBECKER ROBERT W [US], et al
• [X] US 5101595 A 19920407 - RHOADES DAVID [US]
• [XA] FR 2580027 A1 19861010 - GUILLAUME SERGE [FR]
• [Y] FR 2708029 A1 19950127 - GYALAY LASZLO [FR]
• [YA] US 5373664 A 19941220 - BUTLER COLIN [US]
• [YA] US 4904880 A 19900227 - YOSHIDA YUKIO [JP]
• [A] US 4665650 A 19870519 - HALL RICHARD C [US]

Cited by
US10015898B2; US10237996B2; US9978265B2; US10127806B2; US10157538B2

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