

Title (en)  
Slope regulating, adjustable hinge.

Title (de)  
Gefälle regulierende, einstellbare Türangel.

Title (fr)  
Gond régulateur de pente réglable.

Publication  
**EP 0012677 A1 19800625 (FR)**

Application  
**EP 79400980 A 19791206**

Priority  
FR 7835713 A 19781207

Abstract (en)  
1. Device for hinging a leaf (1) forming part of a gate giving access to a ramp or sloping ground, comprising a top hinge (3) and a bottom hinge (4) each including a support plate (3b, 4b) carried by a support which is fixed in relation to the ground, a lug (17, 11) fastened to the gate leaf and, between these two parts, pivot connection means (6, 7, 18 and 9, 10, 16) which are situated in a vertical plane forming an angle of about 45 degrees with the vertical plane of the closed gate and situated outside the space swept by the leaf when it passes from the open position to the closed position, the device being characterised in that said pivot connection means (9, 10, 16) which forms part of the bottom hinge (4) is mounted on the one hand in an oblong slot or buttonhole (8) formed in said support plate (4b) fastened to the fixed support, the axis of this slot extending perpendicularly to the pivot means of the other hinge and being situated in said plane at 45 degrees, and on the other hand on an intermediate connection member (14) carried by the leaf, which connection member being adapted to be displaced relative to the leaf and locked relative to the latter with the aid of a locking means (13), and in that means are provided for guiding the displacement of said intermediate member (14) in a direction coinciding with that of said oblong slot or buttonhole (12) when the gate is closed.

Abstract (fr)  
La présente invention concerne un gond d'articulation de porte, portillon ou vantail donnant accès à des rampes ou des terrains de pente assez accentuée. Il se compose d'un gond supérieur (3) d'axe vertical de position invariable (6) et d'un gond inférieur (4) d'axe vertical de position réglable (9) en fonction de la pente, le réglage en position dudit axe vertical d'articulation inférieur étant assorti d'un réglage assurant la verticalité du portail tant en position ouverte que fermée au moyen d'une pièce de liaison (14) interposée entre deux plaques (4b et 11) fixées respectivement sur le pilier et sur le vantail, lesquelles plaques comportant chacune une boutonnière oblongue de réglage, dans lesquelles s'implantent l'axe (9) et une vis de fixation (13). L'invention s'applique à tous les types de portails équipés de gonds à visser ou à sceller.

IPC 1-7  
**E05D 7/06**; **E06B 11/04**

IPC 8 full level  
**E05D 7/06** (2006.01); **E06B 11/04** (2006.01)

CPC (source: EP)  
**E05D 7/06** (2013.01); **E06B 11/04** (2013.01); **E05Y 2900/40** (2013.01)

Citation (search report)  
FR 2388970 A1 19781124 - MASSON EMILE [FR]

Cited by  
FR2922574A1; ES2161102A1; EP0409767A1; GB2507682A; GB2507682B; WO2013005055A1

Designated contracting state (EPC)  
AT BE CH DE GB IT LU NL SE

DOCDB simple family (publication)  
**EP 0012677 A1 19800625**; **EP 0012677 B1 19850306**; AT E12043 T1 19850315; DE 2967402 D1 19850411; FR 2443551 A1 19800704; FR 2443551 B1 19830513

DOCDB simple family (application)  
**EP 79400980 A 19791206**; AT 79400980 T 19791206; DE 2967402 T 19791206; FR 7835713 A 19781207