

Title (en)  
BARRIER WITH RETRACTABLE POST.

Title (de)  
ABSPERRVORRICHTUNG MIT EINEM VERSENKBAREN ABSPERRPFOSTEN.

Title (fr)  
BARRIERE AVEC POTEAU ESCAMOTABLE.

Publication  
**EP 0029035 A1 19810527 (DE)**

Application  
**EP 80900895 A 19801201**

Priority  
CH 483279 A 19790523

Abstract (en)  
[origin: WO8002576A1] The retractable post (9) is guided on two locations by two sets of rollers (10) arranged in a cross and facing each other. The supports of the different rollers (10) are mounted inside a support structure (6) carrying on the upper face thereof a cover plate (3) which is traversed by the sliding post (9). The barrier may be mounted as a unit in a well (1), the cover plate (3) being used both as a unique support of the barrier and as a closure, an electric motor (13) with autoblocking transmission lifts or lowers the post (9) by means of a chain, belt or rack drive (15). The autoblocking transmission stops the post (9) in its extreme positions; a clutch (18) which may be actuated from the outside allows the manual displacement of the post.

Abstract (fr)  
Le poteau escamotable (9) est guide en deux endroits par deux jeux de rouleaux (10) disposes en croix et se faisant face. Les supports des differents rouleaux (10) sont montes a l'interieur d'une structure de support (6) portant sur sa face superieure une plaque de couverture (3) qui est traversee par le poteau coulissant (9). La barriere peut etre montee comme unite dans un puits (1) la plaque de couverture (3) servant a la fois de support unique a la barriere et de fermeture, un moteur electrique (13) a transmission autobloquante fait monter ou descendre le poteau (9) grace a un entrainement a chaine, courroie ou cremailiere (15). La transmission autobloquante immobilise le poteau (9) dans ses positions extremes; un embrayage (18) pouvant etre actionne de l'exterieur permet de deplacer le poteau manuellement.

IPC 1-7  
**E01F 13/00**; **E04H 12/18**

IPC 8 full level  
**E01F 9/646** (2016.01); **E01F 13/04** (2006.01); **E04H 12/18** (2006.01)

CPC (source: EP)  
**E01F 9/646** (2016.02); **E01F 13/046** (2013.01); **E04H 12/18** (2013.01)

Cited by  
CN108824256A

Designated contracting state (EPC)  
AT CH DE FR GB LI LU NL SE

DOCDB simple family (publication)  
**WO 8002576 A1 19801127**; CH 644418 A5 19840731; EP 0029035 A1 19810527

DOCDB simple family (application)  
**CH 8000061 W 19800522**; CH 483279 A 19790523; EP 80900895 A 19801201