

Title (en)  
Slide gate

Title (de)  
Absperrschieber

Title (fr)  
Vanne d'arrêt

Publication  
**EP 1602785 A1 20051207 (EN)**

Application  
**EP 04076490 A 20040519**

Priority  
EP 04076490 A 20040519

Abstract (en)  
An apparatus (1) for closing or controlling the passage area of a passage (19), such as for instance a valve or a weir gate, wherein the apparatus is provided with a sliding plate (3) which is adjustable from an opened position to a closed position and any positions therebetween, wherein the sliding plate (3) is slidable with respect to a frame (2), which frame (2) is mountable on a wall (W) or the like in which the passage (19) closable and/or controllable with the apparatus (1) is included, wherein the apparatus (1) is further provided with a driving facility for adjusting the sliding plate (3) with respect to the frame (2), wherein the driving facility comprises a screw spindle (6) which is, near a lower side thereof, rotatably bearing-mounted in a lower bearing block (9) which is, preferably, connected with the frame (2), wherein the sliding plate (3) is provided with a threaded block (10) provided with internal screw thread which is arranged for cooperation with the screw spindle (6). <IMAGE>

IPC 1-7  
**E02B 7/28**; **E02B 8/04**

IPC 8 full level  
**E02B 7/28** (2006.01); **E02B 7/36** (2006.01); **E02B 8/04** (2006.01)

CPC (source: EP)  
**E02B 7/28** (2013.01); **E02B 7/36** (2013.01)

Citation (search report)

- [XA] GB 1451435 A 19761006 - HAM BAKER CO LTD
- [X] US 4832527 A 19890523 - BACHMANN LOTHAR [US]
- [A] US 4726709 A 19880223 - LABELLE CAMILLE [CA]

Cited by  
CN105155480A; CN108049373A; CN103243690A; CN114032853A

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**EP 1602785 A1 20051207**; **EP 1602785 B1 20071017**; AT E376101 T1 20071115; DE 602004009547 D1 20071129;  
DE 602004009547 T2 20080724

DOCDB simple family (application)  
**EP 04076490 A 20040519**; AT 04076490 T 20040519; DE 602004009547 T 20040519