

Title (en)  
Switch in bipolar technology

Title (de)  
Schalter in Bipolartechnik

Title (fr)  
Commutateur en technologie bipolaire

Publication  
**EP 1486846 A1 20041215 (FR)**

Application  
**EP 04300320 A 20040610**

Priority  
FR 0307087 A 20030612

Abstract (en)  
The switch has a transistor (1) connected between input and output terminals of a circuit. The input terminal receives a positive supply voltage, while the output terminal is connected to a load (Q). A transistor (2) is connected between the input terminal and an input of a current mirror circuit through a bias circuit (6) that acts as an output voltage follower of the switch on a collector of the transistor (2).

IPC 1-7  
**G05F 3/22**

IPC 8 full level  
**G05F 1/575** (2006.01)

CPC (source: EP US)  
**G05F 1/575** (2013.01 - EP US)

Citation (search report)  

- [A] US 5661395 A 19970826 - JOHNSON DAVID K [US], et al
- [A] US 4645999 A 19870224 - SZEPESI TAMAS S [US]
- [A] PATENT ABSTRACTS OF JAPAN vol. 013, no. 142 (E - 739) 7 April 1989 (1989-04-07)

Designated contracting state (EPC)  
DE FR GB IT

DOCDB simple family (publication)  
**EP 1486846 A1 20041215**; FR 2856207 A1 20041217; US 2004251950 A1 20041216; US 6992521 B2 20060131

DOCDB simple family (application)  
**EP 04300320 A 20040610**; FR 0307087 A 20030612; US 86391104 A 20040609