

Title (en)
HIGH-SPEED CURRENT SWITCH WITH COMPLEMENTARY STAGES

Title (de)
HOCHGESCHWINDIGKEITSSTROMSCHALTER MIT KOMPLEMENTÄRSTUFEN

Title (fr)
COMMUTATEUR DE COURANT HAUTE VITESSE A PHASES COMPLEMENTAIRES

Publication
EP 1038351 A1 20000927 (EN)

Application
EP 99934684 A 19990710

Priority
• EP 9904931 W 19990710
• US 9333198 P 19980720
• US 21854698 A 19981222

Abstract (en)
[origin: WO0005816A1] A high-speed current switch has complementary switching stages for collectively producing a square-wave output current. Spurious currents and charging delays caused by intrinsic capacitances in one stage substantially cancel those in the other stage.

IPC 1-7
H03K 17/041; **H03K 17/687**

IPC 8 full level
H01L 21/822 (2006.01); **H01L 27/04** (2006.01); **H03K 17/04** (2006.01); **H03K 17/041** (2006.01); **H03K 17/687** (2006.01)

CPC (source: EP KR)
H03K 17/041 (2013.01 - KR); **H03K 17/04106** (2013.01 - EP); **H03K 17/687** (2013.01 - EP)

Citation (search report)
See references of WO 0005816A1

Designated contracting state (EPC)
DE FR GB NL

DOCDB simple family (publication)
WO 0005816 A1 20000203; EP 1038351 A1 20000927; JP 2002521905 A 20020716; KR 20010024088 A 20010326

DOCDB simple family (application)
EP 9904931 W 19990710; EP 99934684 A 19990710; JP 2000561706 A 19990710; KR 20007002837 A 20000317