

Title (en)  
INTEGRATED ELECTRIC CIRCUIT WITH CAPACITOR

Title (de)  
INTEGRIERTE ELEKTRISCHE SCHALTUNG MIT KONDENSATOR

Title (fr)  
CIRCUIT ELECTRIQUE INTEGRE AVEC CONDENSATEUR

Publication  
**EP 1005705 A1 20000607 (DE)**

Application  
**EP 98948718 A 19980803**

Priority  
• DE 9802231 W 19980803  
• DE 19733736 A 19970804

Abstract (en)  
[origin: DE19733736A1] The invention relates to an integrated electric circuit comprising at least one capacitor, wherein the first capacitor plate consists of a first electroconductive layer (4) and the second capacitor plate consists of a second electroconductive layer (2). An insulating layer with at least one hole (5,6) is arranged between the capacitor plates (2,4). The bottom surface and at least one part of the side surfaces of the hole (5,6) are covered by an electroconductive material. The first capacitor plate (4) is in contact with a dielectric layer (7).

IPC 1-7  
**H01L 29/92**

IPC 8 full level  
**H01L 21/822** (2006.01); **H01L 27/04** (2006.01); **H01L 27/08** (2006.01)

CPC (source: EP KR)  
**H01L 21/76838** (2013.01 - KR); **H01L 21/76897** (2013.01 - KR); **H01L 27/0805** (2013.01 - EP KR); **H01L 28/56** (2013.01 - KR)

Citation (search report)  
See references of WO 9908328A1

Designated contracting state (EPC)  
DE FR GB IT

DOCDB simple family (publication)  
**DE 19733736 A1 19990225**; EP 1005705 A1 20000607; JP 2001526457 A 20011218; KR 20010022554 A 20010326; WO 9908328 A1 19990218; WO 9908328 A9 19990506

DOCDB simple family (application)  
**DE 19733736 A 19970804**; DE 9802231 W 19980803; EP 98948718 A 19980803; JP 2000506687 A 19980803; KR 20007001145 A 20000202