

Title (en)
Integrator

Title (de)
Integrator

Title (fr)
Intégrateur

Publication
EP 1067473 B1 20120222 (DE)

Application
EP 00107682 A 20000410

Priority
DE 19931879 A 19990709

Abstract (en)
[origin: EP1067473A1] The integrator has a transconductance amplifier (V) whose output is fed back via an integration capacitance (Ci) to its inverting input and with a first reference voltage applied to its non-inverting input. A first current source with a parasitic parallel capacitance has one terminal at reference potential (V2) and another connected via an Ohmic device to a second reference voltage (V1). The Ohmic device is a potential divider with a resistance and another circuit stage, e.g. a switched capacitance or current source, whose junction is connected to the amplifier's inverting input.

IPC 8 full level
G06G 7/186 (2006.01)

CPC (source: EP US)
G06G 7/186 (2013.01 - EP US)

Designated contracting state (EPC)
DE FR GB IT NL

DOCDB simple family (publication)
EP 1067473 A1 20010110; EP 1067473 B1 20120222; DE 19931879 A1 20010118; US 6501322 B1 20021231

DOCDB simple family (application)
EP 00107682 A 20000410; DE 19931879 A 19990709; US 61159900 A 20000707