

Title (en)
SWITCHING CURRENT SOURCE

Publication
EP 0231872 A3 19890322 (DE)

Application
EP 87101174 A 19870128

Priority
DE 3603241 A 19860203

Abstract (en)
[origin: US4841222A] A switched current source includes at least two branches, at least one MOS current source transistor connected in common to each of the at least two branches, and at least two MOS switching transistors each being connected in a respective one of the branches and simultaneously forming an additional current source transistor, the at least one current source transistor being connected as a respective cascode with each of the at least two switching transistors.

IPC 1-7
H02M 3/155; **G05F 3/24**

IPC 8 full level
G05F 3/24 (2006.01); **H02M 3/155** (2006.01)

CPC (source: EP KR US)
G05F 3/08 (2013.01 - KR); **G05F 3/24** (2013.01 - EP US)

Citation (search report)
• [A] US 4345604 A 19820824 - RENIRIE ALEXIS C M
• [A] US 4504779 A 19850312 - HAMAN DANIEL J [US]

Cited by
US5990753A; EP0623866A3; EP0735677A1; US5668508A; EP0670536A1; US6072335A; EP0664503A1; BE1008031A3

Designated contracting state (EPC)
AT BE DE FR GB IT NL SE

DOCDB simple family (publication)
EP 0231872 A2 19870812; **EP 0231872 A3 19890322**; **EP 0231872 B1 19920610**; AT E77180 T1 19920615; DE 3779666 D1 19920716; JP 2782436 B2 19980730; JP S62184516 A 19870812; KR 870008242 A 19870925; KR 950010132 B1 19950907; US 4841222 A 19890620

DOCDB simple family (application)
EP 87101174 A 19870128; AT 87101174 T 19870128; DE 3779666 T 19870128; JP 2035787 A 19870130; KR 870000756 A 19870131; US 925187 A 19870130