

Title (en)
VOLTAGE/CURRENT CONVERSION CIRCUIT ARRANGEMENT

Title (de)
SCHALTUNGSANORDNUNG ZUR SPANNUNGS-/STROMWANDLUNG

Title (fr)
CIRCUIT DE CONVERSION TENSION/COURANT

Publication
EP 1417751 A1 20040512 (DE)

Application
EP 02754422 A 20020724

Priority

- DE 0202711 W 20020724
- DE 10137434 A 20010731

Abstract (en)
[origin: DE10137434A1] The circuit has a signal input and output (1,2) for voltage and current signals, an output transistor (4) that produces the output current depending on a control signal and an input transistor (3) that couples the signal input to the output transistor and produces the control signal by superimposing a voltage dependent on the output current onto the input voltage so the output current is linearly dependent on the input voltage in a working range.

IPC 1-7
H03F 3/343; **H03F 3/45**

IPC 8 full level
H03F 3/343 (2006.01); **H03F 3/45** (2006.01)

CPC (source: EP)
H03F 3/343 (2013.01); **H03F 3/45103** (2013.01)

Citation (search report)
See references of WO 03015262A1

Citation (examination)

- EP 0785616 A1 19970723 - ERICSSON TELEFON AB L M [SE]
- US 6230001 B1 20010508 - WYSE RUSSELL D [US]

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LU MC NL PT SE SK TR

DOCDB simple family (publication)
DE 10137434 A1 20030123; EP 1417751 A1 20040512; WO 03015262 A1 20030220

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