

Title (en)
Current source arrangement

Title (de)
Stromquellenanordnung

Title (fr)
Dispositif source de courant

Publication
EP 0623865 B1 19971105 (DE)

Application
EP 94106767 A 19940429

Priority
DE 4315299 A 19930507

Abstract (en)
[origin: DE4315299C1] The current source device has a current source supplying a pair of exclusive=OR parallel transistors (S1,S2). The current source comprises a regulated cascade stage (P1,P2,P3,N1). The first transistor (P1) is controlled by a bias voltage (B1) and the control input of the second transistor (P2) is coupled to the output of a regulating transistor (P3).The control input of the latter is coupled to a junction (K1) between the first two transistors. The cascade transistors and the regulating transistors are of p-channel type, the parallel transistors being of n-channel type.

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