

Title (en)
CURRENT BALANCE ARRANGEMENT

Title (de)
STROMSPIEGELANORDNUNG

Title (fr)
ENSEMBLE MIROIR DE COURANT

Publication
EP 1741016 B1 20120919 (DE)

Application
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Abstract (en)
[origin: WO2005109144A1] A current balance arrangement is disclosed, comprising two transistors (11, 12), of differing conductivity type, each of which is suitable for provision of a bias current (PBIAS, NBIAS). A controlled power source (13, 13') is connected between both transistors (11, 12) and forms the output of a current balance (18, 13'). The disclosed principle guarantees that the output bias signals (PBIAS, NBIAS) are matched to a high degree of accuracy. Said current balance arrangement may preferably be integrated in CMOS circuit technology.

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