

Title (en)

OUTPUT STAGE FOR BUFFERING SIGNALS

Title (de)

AUSGANGSSTUFE ZUR SIGNALPUFFERUNG

Title (fr)

ETAGE DE SORTIE POUR MISE EN TAMPON DES SIGNAUX

Publication

EP 0835551 A4 20011107 (EN)

Application

EP 96922629 A 19960628

Priority

- US 9611135 W 19960628
- US 72695 P 19950630
- US 66537096 A 19960619

Abstract (en)

[origin: WO9702653A1] An output stage (150) includes an input (152), an output (154), an error stage (156) coupled between the input and the output and responsive to a difference between an input signal present on the input and an output signal present on the output, the error stage being operative to generate a current control signal related to the difference between the input signal and the output signal, a current mirror (158) coupled to the error stage (156) and responsive to the current control signal to generate a demand driven current signal related to magnitude of the current control signal, and an amplification stage (160) coupled between the input and the output. Furthermore, the amplification stage is responsive to the input signal and to the demand driven current signal to generate the output signal on the output such that a voltage of the output signal is substantially equal to a voltage of the input signal.

IPC 1-7

H03F 1/34; **H03F 3/30**; **H03F 1/32**

IPC 8 full level

H03F 1/32 (2006.01); **H03F 3/30** (2006.01)

CPC (source: EP)

H03F 1/3217 (2013.01); **H03F 3/3076** (2013.01)

Citation (search report)

- No further relevant documents disclosed
- See references of WO 9702653A1

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