

Title (en)  
VOLTAGE REGULATOR WITH FREQUENCY RESPONSE CORRECTION

Title (de)  
SPANNUNGSREGLER MIT FREQUENZGANGKORREKTUR

Title (fr)  
REGULATEUR DE TENSION A CORRECTION DE REPONSE EN FREQUENCE

Publication  
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Application  
**EP 02754318 A 20020704**

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Abstract (en)  
[origin: WO03012568A2] The invention relates to a voltage regulator (10, 11) comprising a voltage regulator output (6) that provides a regulated output voltage (Uout) and an internal ohmic resistance (RZ) arranged in series to an external load (RL) to be connected to the voltage regulator output (6). An internal electrical regulation-feedback path of the voltage regulator (10, 11) is tapped both in a first position (A) upstream of the internal ohmic resistance (RZ) and in a second position (B) downstream of the internal ohmic resistance (RZ), said second position (B) being disposed between the internal ohmic resistance (RZ) and the voltage regulator output (6). For frequencies above a predetermined frequency (fw) the regulation is substantially effective directly via the first position (A) and not via the second position (B), while for frequencies below the predetermined frequency (fw) the regulation is substantially carried out via the path: first position (A) internal ohmic resistance (RZ) second position (B).

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