

Title (en)
REGULATING DEVICE

Title (de)
REGLERVORRICHTUNG

Title (fr)
DISPOSITIF DE REGLAGE

Publication
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Application
EP 98934784 A 19980525

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• DE 9801420 W 19980525
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Abstract (en)
[origin: WO9858302A1] The invention relates to a regulating device, comprising a first controllable semiconductor component (3) with an input terminal (4) connected to the regulator input (1), an output terminal (5) connected to the regulator output (2) and a control terminal (6); a second semiconductor component (20) connected to the control terminal (6) of the first semiconductor component (3), which second component has an input terminal (21), an output terminal (23) and a control terminal (22); a comparator device (25) having a first input (27), a second input (28) and an output (26) connected to the control terminal (22) of the second semiconductor element (20), whereby a reference voltage (V_{ref}) can be fed to the first input (27) and the second input (28) is connected to the regulator output (2); and a driver device (40), which partly diverts the current from the control terminal (6) of the first semiconductor component (3) to the regulator output (2) by means of an input signal emitted at the level of the regulator input (1) when a predefined limit value (V_g) is exceeded.

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Citation (search report)
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Cited by
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