

Title (en)  
CURRENT LIMITING DEVICE

Title (de)  
STROMBEGRENZER

Title (fr)  
LIMITEUR DE COURANT

Publication  
**EP 0717880 A1 19960626 (DE)**

Application  
**EP 93918960 A 19930908**

Priority  
DE 9300823 W 19930908

Abstract (en)  
[origin: WO9507548A1] The invention pertains to a current limiting device with at least one semiconductor region (1) with electron donor (source;2), electron acceptor (drain;3) and electron flow controlling electrode (gate;4) without its own drive. The semiconductor region has a characteristic curve like that of old field effect transistors. As needed, a current breaker (5) can be connected in series to the drain-source path. The gate electrodes (4, 4a, 4b) are dimensioned with respect to their thickness (L), their spacing (d) and the source-drain distance (D) so that a limitation is activated at a predetermined intensity of current.

IPC 1-7  
**H01L 29/86**

IPC 8 full level  
**H01L 29/24** (2006.01); **H01L 29/861** (2006.01); **H02H 9/02** (2006.01); **H02H 3/02** (2006.01)

CPC (source: EP)  
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Citation (search report)  
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