

Title (en)  
PUMP SUPPORT CHOKE

Title (de)  
PUMPSTÜTZDROSSEL

Title (fr)  
BOBINE D'INDUCTANCE SUPPORT DE POMPAGE

Publication  
**EP 0941636 A1 19990915 (DE)**

Application  
**EP 98933520 A 19980513**

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• DE 9801328 W 19980513  
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Abstract (en)  
[origin: DE19725645A1] According to the invention, a pump support choke (L1) is added to a half bridge oscillatory circuit for a low-pressure discharge lamp (E) with a capacitive pumping branch. Said support choke improves the pumping action of the pumping branch and its frequency response characteristics. Furthermore, an additional capacitor (C1) is mounted between the pumping branch and the power supply branch connected thereto, said capacitor acting in conjunction with the pumping branch as a trapezoidal capacitor and further improving the frequency response characteristics of the pumping branch.

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