

Title (en)  
PIPE WITH A VARIABLE CROSS SECTION

Title (de)  
ROHR MIT VERÄNDERBAREM QUERSCHNITT

Title (fr)  
TUBULURE A SECTION VARIABLE

Publication  
**EP 1090224 A1 20010411 (DE)**

Application  
**EP 98908059 A 19980205**

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Abstract (en)  
[origin: WO9835156A1] The invention relates to a suction pipe (10) with a variable cross section, in particular for insertion into the intake section of an internal combustion engine. To this end, a variable element (20) is provided to narrow the pipe cross section over a long segment when actuated. The invention seeks to keep the flow channel as narrow as possible, according to the operating state of the motor, thus reducing the bass portion in the intake noise. The variable element is preferably activated by low pressure which is obtained in the further course of the suction channel.

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