

Title (en)  
RESONANT CHAMBER ATOMISER FOR LIQUIDS

Publication  
**EP 0050884 B1 19841031 (DE)**

Application  
**EP 81201078 A 19810929**

Priority  
CH 803280 A 19801029

Abstract (en)  
[origin: US4458842A] The present invention relates to a resonant chamber atomizer for liquids. The atomizer possesses supply lines for the atomizing gas and the liquid to be atomized as well as an outflow chamber for the mixture of gas and atomized liquid. Between the outflow cross-section of the supply line for the gas and the cross-section of the entry of the outflow channel there is a resonant chamber. The chamber is bounded by plane surfaces and has a flat, preferably prismatic, form. The main dimension of the chamber runs transverse to the direction of flow in the atomizer.

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IPC 8 full level  
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**B05B 17/0692** (2013.01 - EP US); **F23D 11/34** (2013.01 - EP US); **F23D 11/402** (2013.01 - EP US)

Cited by  
EP0288855A3; US5033017A; FR2666751A1; CN108386884A; WO9204973A1

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**EP 81201078 A 19810929**; CA 387888 A 19811014; DE 3166989 T 19810929; US 31448481 A 19811023