

Title (en)  
ATOMIZER

Title (de)  
ZERSTÄUBER

Title (fr)  
ATOMISEUR

Publication  
**EP 2846924 B3 20200513 (EN)**

Application  
**EP 13728252 A 20130509**

Priority  
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Abstract (en)  
[origin: WO2013168161A1] A liquid atomizer comprising a housing (20) fitted with an inlet (26) connectable to a liquid supply line. The housing (20) has a cavity with a longitudinal axis and being in flow communication with the inlet (26); the housing (20) comprises at least one opening (28) for emitting atomized liquid; the housing (20) further comprises at least one vortex generating member (32) formed with a vortex generating path (34, 35) in fluid flow communication with the cavity and extending opposite a respective opening (28) of the housing (20); The at least one vortex generating member (32) having an inside surface facing the cavity and an opposite, outside surface facing away from the cavity. The inside surface of the vortex member (32) is associated with the vortex generating path (34, 35) and comprises at least one outlet nozzle in fluid flow communication with the vortex generating path (34, 35) via an opening (28) extending between the inside surface and the outside surface. The vortex generating path (34, 35) is configured for generating a liquid vortex directed towards the opening (28) to be emitted from the outlet nozzle generally along the transverse direction.

IPC 8 full level  
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CPC (source: CN EP US)  
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