

Title (en)  
Steam injector

Title (de)  
Dampfinjektor

Title (fr)  
Injecteur de vapeur

Publication  
**EP 0724079 B1 20000517 (DE)**

Application  
**EP 95118403 A 19951123**

Priority  
DE 19502539 A 19950127

Abstract (en)  
[origin: EP0724079A1] The injector (1) has a mixer chamber (51) with outflow aperture (17), and a ring-shaped part with inner (49,53) and outer (19) walls. A ring nozzle (31) with ring slot-shaped outlet (47), is charged with steam-type heat carrier, and opens into the mixer chamber. An intake aperture (39), opens into the ring-shaped part of the mixer chamber, and is charged with the fluid to be heated. The intake is located after the ring nozzle, relative to the through flow direction defined by the nozzle. The intake aperture is formed by a ring slot, which is located coaxial to the ring nozzle. The aperture opens into a ring-shaped intake section in the mixer chamber.

IPC 1-7  
**F04F 5/24**; **F28C 3/08**; **F22D 1/28**

IPC 8 full level  
**F04F 5/24** (2006.01); **F22D 1/28** (2006.01); **F28C 3/08** (2006.01)

CPC (source: EP)  
**F04F 5/24** (2013.01); **F22D 1/28** (2013.01); **F28C 3/08** (2013.01)

Cited by  
EP1106838A1; EP2803760A3; US6708709B1; WO0045100A1

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DOCDB simple family (publication)  
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