

Title (en)

Injection attenuator for temperature control of superheated steam

Title (de)

Einspritzkühler zur Temperaturregelung von überhitztem Dampf

Title (fr)

Désurchauffeur à injection pour la régulation de la température de la vapeur surchauffée

Publication

**EP 0971168 A3 20010822 (DE)**

Application

**EP 99108381 A 19990429**

Priority

DE 19830244 A 19980707

Abstract (en)

[origin: EP0971168A2] A nozzle pipe (3) protrudes into the steam pipe and branches off from the cooling water supply unit (2) which has a regulator valve (4) regulating the water pressure (P2) in the nozzle (5)-pipe. Each nozzle has a tubular nozzle-pot (10) fixed in the nozzle pipe and crossing it. At least one water inlet (11) inside the nozzle-pipe is in the pot-casing. A spring-tensioned (12) nozzle pin (13) is positioned in the pot. A cap (15) is screwed onto the open end of the pot protruding from the pipe and has a spray hole (14) with which the end point (16) of the pin cooperates. The other end of the pin protruding from the pot base forms a piston surface exposed to steam pressure.(P1)

IPC 1-7

**F22G 5/12**

IPC 8 full level

**F22G 5/12** (2006.01)

CPC (source: EP)

**F22G 5/123** (2013.01)

Citation (search report)

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