

Title (en)

SPRING ASSISTED MULTI-NOZZLE DESUPERHEATER

Title (de)

DAMPFKÜHLER MIT EINER UNTERSTÜTZUNGSFEDER UND MIT MEHREREN DÜSEN

Title (fr)

DESURCHAUFFEUR A PLUSIEURS INJECTEURS ASSISTE PAR UN RESSORT

Publication

**EP 0856127 B1 20011212 (EN)**

Application

**EP 96930579 A 19960822**

Priority

US 9613620 W 19960822

Abstract (en)

[origin: WO9808025A1] A steam desuperheater has a body (38) extending into a steam line (16) and is operated by a controlled variable water pressure source responding to the amount of superheat in the steam line. As the pressure of the supply line is increased above a predetermined level greater than the steam pressure in the steam line (16), a piston (50) moves up against a calibrated spring (61) to progressively uncover a plurality of spray openings (73, 76) so that increasing water pressure results in an increasingly greater amount of water sprayed into the steam line.

IPC 1-7

**F22G 5/12**

IPC 8 full level

**F22G 5/12** (2006.01)

CPC (source: EP KR)

**F22G 5/12** (2013.01 - KR); **F22G 5/123** (2013.01 - EP)

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