

Title (en)
STEAM-DESUPERHEATING VALVE

Publication
EP 0020813 B1 19820203 (DE)

Application
EP 79103335 A 19790907

Priority
CH 574679 A 19790620

Abstract (en)
[origin: ES8103324A1] The steam throttle valve has water injection ducts disposed about the valve axis. The ducts are situated between two abutting flanges of a valve cage and a valve spindle guide. The ducts are in the form of grooves in the flange while the adjacent peripheral surface of the flange is plain. The valve cage forms a replaceable wearing component and the configuration of the water injection ducts avoids thermal stress cracks in the duct zone.

IPC 1-7
F22G 5/12; **F16K 19/00**

IPC 8 full level
F16K 1/32 (2006.01); **F01D 17/10** (2006.01); **F01D 25/12** (2006.01); **F22G 5/12** (2006.01)

CPC (source: EP US)
F22G 5/126 (2013.01 - EP US); **Y10T 137/6416** (2015.04 - EP US); **Y10T 137/87652** (2015.04 - EP US)

Cited by
GB2198214A

Designated contracting state (EPC)
DE FR GB IT NL

DOCDB simple family (publication)
EP 0020813 A1 19810107; **EP 0020813 B1 19820203**; AU 531274 B2 19830818; AU 5943080 A 19810108; CA 1132120 A 19820921; CH 643043 A5 19840515; DE 2962057 D1 19820311; ES 490922 A0 19810216; ES 8103324 A1 19810216; JP S566960 A 19810124; JP S6135361 B2 19860813; PL 128177 B1 19840131; PL 225016 A1 19810227; US 4366833 A 19830104

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EP 79103335 A 19790907; AU 5943080 A 19800619; CA 352153 A 19800516; CH 574679 A 19790620; DE 2962057 T 19790907; ES 490922 A 19800425; JP 8033780 A 19800616; PL 22501680 A 19800616; US 15830980 A 19800610