

Title (en)
OVERFLOW SAFETY VALVE

Publication
EP 0208056 B1 19880511 (DE)

Application
EP 86103374 A 19860313

Priority
DE 3524732 A 19850711

Abstract (en)
[origin: EP0208056A1] 1. Safety blow-off valve for steam which contains a body (1) with a steam inlet branch (4), steam outlet branch (5) and a valve seat which is sealed off by a sealing disk (7) to which flow is admitted against the closing force and which is connected with an axially movable stem (8), characterized in that the sealing disk (7) is connected on the side towards the steam inlet branch (4) with a perforated plug (9) and on the side away from the steam inlet branch with a perforated cage (12) which are designed as hollow cylinders and provided with ports (10, 13) distributed over the circumference at several levels arranged one above the other and that the perforated cage (12) has a closed-wall section (14) above the ports (13) and surrounds a guide piece (15) to seal it off which is joined to a spray water connection.

IPC 1-7
F22B 37/44; **F22G 5/12**; **F01K 9/04**

IPC 8 full level
F01K 9/04 (2006.01); **F22B 37/44** (2006.01); **F22G 5/12** (2006.01)

CPC (source: EP)
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