

Title (en)
Steam generator with improved injector

Title (de)
Dampferzeuger mit verbesserter Düse

Title (fr)
Générateur de vapeur avec buse améliorée

Publication
EP 1199515 A1 20020424 (EN)

Application
EP 01123966 A 20011008

Priority
IT PN20000063 A 20001016

Abstract (en)
Steam generator comprising a hollow body (10) into which the water is let via a conduit (16) that penetrates therein by passing through the wall opposed to the one that carries a heating element (14). The conduit (16) extends into the interior of the generator with an injector (21) that reaches up to a point close to the wall carrying said heating element (14) and the inner surface of said injector is protected by a lining sheath (22) of a polymeric material. The solution enables scale forming at the extremity of the injector, as well as in the interior thereof, to be reduced to a considerable extent. <IMAGE>

IPC 1-7
F22B 1/28

IPC 8 full level
F22B 1/28 (2006.01)

CPC (source: EP)
F22B 1/287 (2013.01)

Citation (search report)
• [A] US 4578563 A 19860325 - EGUCHI KENZO [JP], et al
• [A] EP 0638684 A1 19950215 - MOULINEX SA [FR], et al
• [A] US 1580293 A 19260413 - FITZER LOUIS A
• [AD] EP 1026306 A1 20000809 - EURO STAR SRL [IT]

Cited by
EP1795644A1; US7591154B2

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EP 1199515 A1 20020424; EP 1199515 B1 20030702; AT E244379 T1 20030715; DE 60100426 D1 20030807; DE 60100426 T2 20040519; ES 2202249 T3 20040401; IT PN20000063 A1 20020416

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