

Title (en)
DEVICE FOR CLEANING A HEATING SURFACE, ESPECIALLY FOR A BOILER INSTALLATION

Publication
EP 0319634 A3 19891102 (DE)

Application
EP 88102057 A 19880212

Priority
DE 3741378 A 19871207

Abstract (en)
[origin: EP0319634A2] 1. Equipment for cleaning a heating surface (1) contained in a chamber (6), particularly of a boiler installation, consisting of a striker equipment with a propellable rammer (4) in a rammer housing (12), characterized in that the rammer drive consists of an electromagnet (3) with a stationary coil (8) and of a core (9) attached to the rammer (4) in the rammer housing (12) and that the rammer housing (12) itself is attached to a flanged shoulder (5) of the chamber (6) that possesses a rammer passage (7) constructed as a rammer guide.

IPC 1-7
F28G 1/08; **F22B 37/48**

IPC 8 full level
F22B 37/48 (2006.01); **F28G 1/08** (2006.01); **F28G 7/00** (2006.01); **F23J 3/00** (2006.01)

CPC (source: EP)
F28G 7/00 (2013.01)

Citation (search report)

- [Y] DE 2710153 A1 19780914 - STEINMUELLER GMBH L & C
- [Y] FR 2211868 A5 19740719 - ELECTR CENTRE ATEL [FR]
- [A] US 3183967 A 19650518 - METTENLEITER MICHAEL W, et al
- [A] FR 1557793 A 19690221

Cited by
US5443654A; WO9302331A1

Designated contracting state (EPC)
AT BE ES IT NL SE

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