

Title (en)
SOOT BLOWER

Publication
EP 0213380 A3 19880921 (DE)

Application
EP 86110284 A 19860725

Priority
CH 377985 A 19850903

Abstract (en)
[origin: US4765394A] Each heat-exchanger surface is comprised of parallel coolant-carrying tubes and at least one soot-blowing tube which can be supplied with a soot-blowing medium and which has at least one nozzle for the egress of the soot-blowing medium. A protective tube connected to the heat-exchanger surface is disposed before and parallel to the soot-blowing tube on the heat-receiving side of the wall and is flowed through by the same coolant as flows through the heat-exchanger surface. The nozzle extend between the protective tube and the wall. The soot-blowing tube has satisfactory heating protection and the coolant in the protective tube has the same exit temperature as the other tubes of the heat-exchanger heating surface.

IPC 1-7
F23J 3/02; **F28G 1/16**; **F22B 37/48**

IPC 8 full level
F22B 1/18 (2006.01); **F22B 37/10** (2006.01); **F22B 37/52** (2006.01); **F23J 3/00** (2006.01); **F23J 3/02** (2006.01); **F28F 9/02** (2006.01); **F28G 1/16** (2006.01); **F28G 9/00** (2006.01)

CPC (source: EP US)
F22B 1/1846 (2013.01 - EP US); **F23J 3/023** (2013.01 - EP US); **F28G 1/166** (2013.01 - EP US)

Citation (search report)
• [AD] CH 648397 A5 19850315 - SULZER AG
• [A] GB 288830 A 19280419 - WILFRED ROTHERY WOOD
• [A] DE 744500 C 19440118 - HERPEN CO KG LA MONT KESSEL

Cited by
CN102171314A; EP0763702A1; WO2010023306A3

Designated contracting state (EPC)
BE DE FR GB IT NL

DOCDB simple family (publication)
EP 0213380 A2 19870311; **EP 0213380 A3 19880921**; **EP 0213380 B1 19900321**; CH 667521 A5 19881014; CN 1008660 B 19900704; CN 86105365 A 19870304; DE 3669772 D1 19900426; JP H0776603 B2 19950816; JP S6256794 A 19870312; US 4765394 A 19880823; ZA 864669 B 19870225

DOCDB simple family (application)
EP 86110284 A 19860725; CH 377985 A 19850903; CN 86105365 A 19860830; DE 3669772 T 19860725; JP 14837186 A 19860626; US 89869486 A 19860821; ZA 864669 A 19860623