

Title (en)

Grate element and grate with liquid-cooling

Title (de)

Rostelement und Rost mit Flüssigkeitskühlung

Title (fr)

Élément de grille et grille avec refroidissement à liquide

Publication

EP 0811803 A3 19990331 (DE)

Application

EP 97108567 A 19970528

Priority

DE 19622424 A 19960604

Abstract (en)

[origin: EP0811803A2] The component has at least one fluid feed channel (13,14) with parallel sections (13) and fluid inlet and outlet. The parallel sections of the channel run crossways to the component longitudinal direction and crossways to the combustible material conveyor direction. The channel sections run in a straight line and have a cross-section determining a compact, dead space-free flow. Two straight-line channel sections are joined by a linkage (14) and thus fluid flows through them in rows. The fluid inflow (15) is provided in the area of the fixture and drive end (5) and the fluid outflow (16) in the head area (7) of the grill component (1,2). All channel sections have a common fluid inlet and a common fluid outlet, with the fluid flowing through in a parallel manner.

IPC 1-7

F23H 3/02; **F23H 17/12**

IPC 8 full level

F23H 3/04 (2006.01); **F23H 3/02** (2006.01); **F23H 7/04** (2006.01); **F23H 7/08** (2006.01); **F23H 17/12** (2006.01)

CPC (source: EP US)

F23H 3/02 (2013.01 - EP US); **F23H 17/12** (2013.01 - EP US); **F23H 2900/03021** (2013.01 - EP US)

Citation (search report)

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- [PXPA] EP 0757206 A2 19970205 - ASEA BROWN BOVERI [CH]
- [A] WO 9521353 A1 19950810 - DOIKOS INVESTMENTS LTD [GB], et al
- [A] DE 9416320 U1 19950112 - NOELL ABFALL & ENERGIETECH [DE]
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Designated contracting state (EPC)

AT BE CH DE DK ES FR GB IT LI LU NL PT SE

DOCDB simple family (publication)

EP 0811803 A2 19971210; **EP 0811803 A3 19990331**; **EP 0811803 B1 20050720**; AT E300017 T1 20050815; BR 9703442 A 19980901; CA 2206727 A1 19971204; CA 2206727 C 20010220; CZ 168697 A3 19971217; CZ 290409 B6 20020717; DE 19622424 A1 19971211; DE 19622424 C2 19981029; DE 59706724 D1 20020502; DK 0811803 T3 20051107; ES 2112229 T1 19980401; ES 2112229 T3 20060201; JP 3027727 B2 20000404; JP H1082516 A 19980331; NO 310485 B1 20010709; NO 972545 D0 19970604; NO 972545 L 19971205; PL 183140 B1 20020531; PL 320322 A1 19971208; RU 2119126 C1 19980920; SI 0811803 T1 20051231; TW 340171 B 19980911; US 5899150 A 19990504

DOCDB simple family (application)

EP 97108567 A 19970528; AT 97108567 T 19970528; BR 9703442 A 19970604; CA 2206727 A 19970603; CZ 168697 A 19970602; DE 19622424 A 19960604; DE 59706724 T 19970528; DK 97108567 T 19970528; ES 97108567 T 19970528; JP 14416597 A 19970602; NO 972545 A 19970604; PL 32032297 A 19970603; RU 97108768 A 19970603; SI 9730716 T 19970528; TW 86106798 A 19970521; US 86643297 A 19970530