

Title (en)  
Grate element and grate for incinerators

Title (de)  
Rostelement und Rost für Verbrennungsanlagen

Title (fr)  
Élément de grille et grille pour incinérateur

Publication  
**EP 0811804 A3 19990512 (DE)**

Application  
**EP 97108566 A 19970528**

Priority  
DE 19622423 A 19960604

Abstract (en)  
[origin: DE19622423C1] The element forms part of the grille which is constructed in the manner of roofing tiles, from moving elements which are laid one above the other. The grille supplies primary air to fuel material which is placed on it. The underside of the head (7) of the element has an outlet (10) for the primary air which opens downwards, and the upper side has at least one projection (11) for the air outlet of the element which lies above it. The projection or projections may be arranged in the rear region, which faces the fixed or driven end (5) of the element.

IPC 1-7  
**F23H 7/08**; **F23H 7/12**

IPC 8 full level  
**F23H 3/02** (2006.01); **F23H 7/08** (2006.01); **F23H 15/00** (2006.01); **F23H 17/00** (2006.01); **F23H 17/12** (2006.01); **F27D 15/02** (2006.01)

CPC (source: EP)  
**F23H 7/08** (2013.01); **F23H 17/12** (2013.01); **F27D 15/022** (2013.01)

Citation (search report)  
• [PXPA] DE 19607007 C1 19970306 - NOELL ABFALL & ENERGIETECH [DE]  
• [XA] DE 9312738 U1 19931111 - JUENGER & GRAETER GMBH FEUERFE [DE]  
• [A] WO 9521353 A1 19950810 - DOIKOS INVESTMENTS LTD [GB], et al  
• [A] DE 3926125 C1 19900830

Cited by  
EP2003396A3; CN105927968A; CN105953246A; CN106090899A; EP2003396A2

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
**DE 19622423 C1 19970710**; BR 9703441 A 19980901; CA 2206725 A1 19971204; CZ 168797 A3 19971217; CZ 292189 B6 20030813; EP 0811804 A2 19971210; EP 0811804 A3 19990512; JP H1054535 A 19980224; NO 972546 D0 19970604; NO 972546 L 19971205; PL 320321 A1 19971208; RU 2127851 C1 19990320; SG 47227 A1 19980320; TW 338785 B 19980821

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**DE 19622423 A 19960604**; BR 9703441 A 19970604; CA 2206725 A 19970603; CZ 168797 A 19970602; EP 97108566 A 19970528; JP 14416497 A 19970602; NO 972546 A 19970604; PL 32032197 A 19970603; RU 97108769 A 19970603; SG 1997001871 A 19970602; TW 86106797 A 19970521