

Title (en)

Fluegas discharge device, especially for heating boilers

Title (de)

Rauchgasabzug, insbesondere für Heizkessel

Title (fr)

Dispositif d'évacuation des gaz de fumée, notamment pour chaudières de chauffage

Publication

EP 0843128 A3 19990421 (DE)

Application

EP 97118006 A 19971017

Priority

DE 29620080 U 19961119

Abstract (en)

[origin: EP0843128A2] The outlet has an outer pipe (1) with internal noise insulation (2), which is arranged between the pipe and an inner tube (5). The latter bounds a throughflow channel (3) and has perforated walls (4). It also has connecting nozzles (6) with unperforated walls, which project at each end from connecting bases (7) on the pipe. The end edges (1') of the pipe are inserted into the inwards-cranked collars of the bases, in order to make a gastight seal. The edges and the collars have heat-resistant sealing equipment (8) arranged between them, and have holes which are distributed evenly around their perimeters, and which align with one another in order to accept rivets (10).

IPC 1-7

F23J 13/00; F16L 55/02; F01N 7/18

IPC 8 full level

F23J 13/02 (2006.01); **F23J 13/04** (2006.01)

CPC (source: EP)

F23J 13/02 (2013.01); **F23J 13/04** (2013.01); **F23J 2213/202** (2013.01); **F23J 2900/13003** (2013.01)

Citation (search report)

- [DY] DE 9005421 U1 19900719
- [Y] DE 8712635 U1 19871112
- [A] EP 0427598 A1 19910515 - URION DANIEL [FR]
- [A] US 4834214 A 19890530 - FEULING JAMES J [US]
- [PA] US 5633482 A 19970527 - ERION CRAIG [US], et al
- [E] DE 29718443 U1 19980115 - REITZ EBERHARD [DE]

Designated contracting state (EPC)

AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

DE 29620080 U1 19970109; EP 0843128 A2 19980520; EP 0843128 A3 19990421

DOCDB simple family (application)

DE 29620080 U 19961119; EP 97118006 A 19971017