

Title (en)

Industrial chimney with acid protection device

Title (de)

Industrieschornstein mit Säureschutzeinrichtung

Title (fr)

Cheminée industrielle avec dispositif de protection contre l'acide

Publication

EP 0565886 B1 19961218 (DE)

Application

EP 93104312 A 19930317

Priority

DE 4211698 A 19920407

Abstract (en)

[origin: EP0565886A1] Industrial chimney (1), the chimney mouth (2) of which is arranged in a free-flow region above the ground, with a chimney head (3), on which an acid-protection device (4) is fastened, which is arranged at a distance (5) from the chimney casing, which forms an annular space. The acid-protection device has a length in the direction of the chimney, which corresponds to a multiple of the diameter of the chimney head. The acid-protection device has a large number of air-guide plates (6) which extend in the chimney direction and the width of which is smaller than corresponds to the diameter of the chimney head. The air-guide plates are arranged with a gap distance (7) from one another. <IMAGE>

IPC 1-7

F23L 17/02

IPC 8 full level

F23J 13/00 (2006.01); **F23L 17/02** (2006.01)

CPC (source: EP)

F23J 13/00 (2013.01); **F23L 17/02** (2013.01)

Cited by

FR2792062A1

Designated contracting state (EPC)

AT BE CH DE DK FR GB IT LI

DOCDB simple family (publication)

EP 0565886 A1 19931020; **EP 0565886 B1 19961218**; AT E146584 T1 19970115; DE 4211698 A1 19931014; DE 59304781 D1 19970130; DK 0565886 T3 19970106

DOCDB simple family (application)

EP 93104312 A 19930317; AT 93104312 T 19930317; DE 4211698 A 19920407; DE 59304781 T 19930317; DK 93104312 T 19930317