

Title (en)
CHIMNEY COWL

Publication
EP 0294336 A3 19890405 (DE)

Application
EP 88810363 A 19880603

Priority
CH 210387 A 19870603

Abstract (en)
[origin: EP0294336A2] The chimney cowl is provided with a pipe connection piece (1), a truncated pyramid-shaped inner jacket (2) which projects upwards above the pipe connection piece (1), and a truncated pyramid-shaped outer jacket (4) which projects upwards above the inner jacket (2). In order, even in the most extreme wind strengths and wind incidence directions, to obtain as constant as possible pressure conditions in the outlet opening region of the chimney and to improve the separation of the waste gas plume from the chimney cowl, the surfaces forming the inner and the outer jacket (2 and 4 respectively) are each provided with a flow-through opening (18, 18'). These latter are assigned first flow deflection elements (20), the end surface (21) of which, which faces the associated flow-through opening (18, 18'), corresponds to the flow-through cross-section of the respective associated flow-through opening. On the inside of the inner and outer jacket (2, 4), there are arranged second flow deflection elements (10) which are assigned to these flow-through openings (18, 18') and project inwards. <IMAGE>

IPC 1-7
F23L 17/02

IPC 8 full level
F23L 17/02 (2006.01)

CPC (source: EP)
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Citation (search report)
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• [A] CH 615495 A5 19800131 - HENRIOD PAUL [CH]
• [A] GB 191312719 A 19140326 - CAIRNS WILLIAM
• [A] DE 3237216 A1 19840412 - INVENTINA AG [CH]
• [A] DE 8511683 U1 19850704
• [A] US 1406321 A 19220214 - YELDHAM HARMON J

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