

Title (en)
Cowl

Title (de)
Schornsteinkopf

Title (fr)
Chapeau de cheminée

Publication
EP 0753703 A2 19970115 (EN)

Application
EP 96305152 A 19960712

Priority
• GB 9514174 A 19950712
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Abstract (en)
A cowl (30) has a first generally disc-shaped member (31) which extends across the opening of a chimney or flue in use and a second disc-shaped member (33) open at its centre and dished to form a shallow cone. The two discs are connected such that the vertical separation between the first and second discs is least at the central opening of the second disc and increases radially outwards. The space between the first and second members provides a venturi effect, airflow caused by wind from any quarter resulting in relatively reduced air pressure in the space above the centre opening in the second member encouraging smoke or flue gases to pass up the chimney or flue to be entrained in air passing across the centre opening between the two members. Provision (39) is made for firmly mounting the cowl to the distal end of the chimney. Because the vertical spacing between the first disc and the distal end of the chimney or flue is substantially less than the diameter of the first disc, the cowl has a generally squat appearance.

IPC 1-7
F23L 17/12; F23L 17/08

IPC 8 full level
F23L 17/08 (2006.01); **F23L 17/12** (2006.01)

CPC (source: EP)
F23L 17/08 (2013.01); **F23L 17/12** (2013.01)

Cited by
CN102401442A; FR2796451A1; CN103485518A; FR2846073A1; US9869095B2; US9879430B2; US10323418B2

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