

Title (en)
VENTILATION ARRANGEMENTS

Title (de)
BELÜFTUNGSANORDNUNGEN

Title (fr)
AGENCEMENTS DE VENTILATION

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Application
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Priority
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Abstract (en)
[origin: GB2482234A] A ventilation arrangement suitable for a building comprises an air duct 12 extending from roof level into an interior of the building, the arrangement comprising a square housing 10 having ventilation openings with a louvre configuration 16 to direct air caused by wind movement into or out of the duct, and a guide member 19 in a part of the housing having a surface closing the top of the housing and the surface extending downwardly from sides or adjacent sides of the housing substantially towards a central apex 20. The duct may be divided longitudinally by plates in a cruciform arrangement to define four quadrants. The guide member may be recycled ABS plastics, curve concavely downward, may be offset relative to divider plates (figs 3 & 4), may have a varied profile (fig 5) with a plurality of interconnecting straight (44) or curved (54, fig 6) faces that meet at join lines (46) for improved air flow at various wind speeds and directions. An elongate conduit 22 extending down from the central apex may locate cables from a solar panel. One or more formations / locating ribs may be provided on the guide member and engage with the louvre configuration.

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