

Title (en)

BLAST DAMPER, BLAST DAMPER ASSEMBLY AND METHOD FOR ARRANGING A BLAST DAMPER TO A BUILDING

Title (de)

EXPLOSIONSDÄMPFER, EXPLOSIONSDÄMPFERANORDNUNG UND VERFAHREN ZUM ANORDNEN EINES EXPLOSIONSDÄMPFERS AN EINEM GEBÄUDE

Title (fr)

BARRIÈRE ANTI-SOUFFLE, ENSEMBLE BARRIÈRE ANTI-SOUFFLE ET PROCÉDÉ DE DISPOSITION D'UNE BARRIÈRE ANTI-SOUFFLE SUR UN BÂTIMENT

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Abstract (en)

[origin: WO2015067850A1] The invention relates to a blast damper (1) for protecting a ventilation system against pressure loads. The blast damper (1) comprises a pressure valve (2) comprising a body forming a flow channel for air flow through the pressure valve (2), said flow channel being closable during sudden increase of overpressure. The blast damper further comprises a trap (3) for preventing harmful solid particles, liquids or fire reaching the pressure valve (2) and a hurricane barrier (4) for preventing solid objects in the air flow from entering inside the pressure valve (2), said trap (3) and hurricane barrier (4) form together a single barrier unit (34). The invention relates also to a blast damper assembly (10) and to a method for arranging a blast damper (1) to a building.

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