

Title (en)

AN EDGEWISE PROFILED PLATE MEMBER FOR A HOLLOW WING-SHAPED PROFILE AND A VENTILATION DAMPER BLADE COMPOSED OF ONE OR TWO SUCH PLATE MEMBERS

Publication

EP 0060111 B1 19851227 (EN)

Application

EP 82301146 A 19820305

Priority

DK 103281 A 19810306

Abstract (en)

[origin: EP0060111A2] A hollow wing-shaped profile for use as a damper blade in a ventilation damper assembly, a guide blade or a fan vane is composed by means of an edgewise profiled plate member (17) having along one longitudinal edge a first edge portion comprising an edge flange (19) bent into a substantially U-shaped cross-section and at the opposite longitudinal edge a second edge portion comprising an edge flange (21) bent by two successive bendings into a substantially S-shaped cross-section for engagement with the first edge portion by pressing the extreme portion (21a) of the S-shaped edge flange (21) into the opening behind the U-shaped edge flange (19), the edge flanges being locked in said engagement by end members fitting into the internal cross-section of the hollow profile. Thereby, separate connecting means between a number of wall elements for such a profile is avoided. The production may be performed by a single rolling operation, and by means of one and the same plate member there may be obtained a damper blade consisting of a single element as well as a damper blade composed of two elements and having the double width.

IPC 1-7

F24F 13/15; F24F 13/10

IPC 8 full level

F24F 13/10 (2006.01); **F24F 13/15** (2006.01)

CPC (source: EP)

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