

Title (en)

Structural member with elements for reducing air resistance.

Title (de)

Bauteil mit Elementen zur Strömungswiderstandsverminderung.

Title (fr)

Structure avec éléments pour diminuer la résistance aérodynamique.

Publication

EP 0450543 B1 19951102 (DE)

Application

EP 91105144 A 19910402

Priority

DE 9003816 U 19900402

Abstract (en)

[origin: EP0450543A1] A box-shaped structural member (2) with a polygonal box section as well as elements for reducing air resistance which are allocated to at least individual edges of the structural member is characterised in that baffle surfaces (4) are allocated to at least individual edges of the structural member (2), which baffle surfaces (4) in each case run along these edges, have a profile surrounding the edges and are arranged at a distance from the walls of the structural members. In a structural member with an essentially parallelepiped-shaped design, essentially all edges of the structural member (36) which are exposed to the air flow are provided with baffle surfaces (38, 40, 42), and the profiles of the baffle surfaces (4) are quadrantal profiles. <IMAGE>

IPC 1-7

F15D 1/10; **B66C 6/00**; **B66C 13/54**; **E01D 19/02**

IPC 8 full level

B66C 6/00 (2006.01); **B66C 13/54** (2006.01); **E01D 19/02** (2006.01); **F15D 1/10** (2006.01)

CPC (source: EP)

B66C 6/00 (2013.01); **B66C 13/54** (2013.01); **E01D 19/02** (2013.01); **F15D 1/10** (2013.01)

Cited by

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