

Title (en)

Support strut for protection grid and fabricating method thereof

Title (de)

Tragstrebe für Schutzgitter und Verfahren zu ihrer Herstellung

Title (fr)

Entretoise de support pour treillis de protection et méthode de fabrication

Publication

**EP 1617086 A3 20070110 (DE)**

Application

**EP 05014897 A 20050708**

Priority

DE 102004034587 A 20040716

Abstract (en)

[origin: EP1617086A2] The support strut for protective grills for fans consists of a flat profile multiply angled over its vertical edge, with means to accommodate the fan connected to the flat profile's free inner ends orientated towards the fan, and means for the fastening of the protective grill on or in a wall connected to the opposite lying outer free ends. The means to accommodate the fan and/or the means for the fastening of the protective grill are component parts of the support strut. An independent claim is included for a method for the manufacture of a support strut in which angling of the flat profile is produced by bending over its vertical edge, and means to accommodate the fan and/or means for the fastening of the protective grill are formed directly on the flat profile by at least one bending action of the profile's free ends.

IPC 8 full level

**F04D 29/70** (2006.01)

CPC (source: EP)

**F04D 29/703** (2013.01)

Citation (search report)

- [X] DE 10111397 A1 20020912 - EBM WERKE GMBH & CO KG [DE]
- [X] US 1871625 A 19320816 - SEYMORE LUFF ARTHUR
- [X] US 2728541 A 19551227 - HANSEL LESLIE R
- [A] DE 4337631 A1 19950511 - KLOECKNER HUMBOLDT DEUTZ AG [DE]
- [AD] DE 3311660 A1 19841004 - SIEMENS AG [DE]
- [AD] DE 29900923 U1 20000706 - MULFINGEN ELEKTROBAU EBM [DE]

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

**EP 1617086 A2 20060118; EP 1617086 A3 20070110; EP 1617086 B1 20081022**; AT E412120 T1 20081115; DE 102004034587 A1 20060216; DE 502005005737 D1 20081204

DOCDB simple family (application)

**EP 05014897 A 20050708**; AT 05014897 T 20050708; DE 102004034587 A 20040716; DE 502005005737 T 20050708