

Title (en)
Light metal side transom for a staircase.

Title (de)
Aus Leichtmetall bestehender Seitenholm für eine Treppe.

Title (fr)
Traverse de côté en métal léger pour un escalier.

Publication
EP 0516999 B1 19941026 (DE)

Application
EP 92107782 A 19920508

Priority
DE 9106940 U 19910606

Abstract (en)
[origin: EP0516999A1] In order to obtain a standing surface, it is known to bevel off the side transoms of the staircase, this usually being carried out with tools which are not available on site. On the one hand, an exact dimensional specification is consequently necessary, on the other hand this method of construction produces waste material, which unnecessarily makes the product more expensive. The object of the invention is therefore to design a side transom in such a way that it can be produced and assembled by very simple means at reasonable cost. For this purpose, the invention provides that on at least one end face of the side transom (1) there is fitted an end piece (2), the base surface of which in line with the side transom (1) being approximately triangularly shaped. In the position for use of the side transom (1), one side of the end piece (2) in this case forms a horizontally or vertically aligned bearing surface. Also provided, in the inner chambers of the side transom (1), are screw channels (5), into which screws (6) passing through the end piece (2) are screwed. A bevelling off of the end faces of the side transom is no longer necessary, so that simple cutting to the appropriate overall length suffices. This results in considerable cost advantages both with regard to production and with regard to assembly. <IMAGE>

IPC 1-7
E04F 11/02; E04F 11/12; B65G 23/12

IPC 8 full level
B65G 23/12 (2006.01); **E04F 11/02** (2006.01); **E04F 11/025** (2006.01); **E04F 11/112** (2006.01)

CPC (source: EP)
E04F 11/025 (2013.01); **E04F 11/112** (2013.01)

Cited by
CN107587672A; US6817447B1; WO9618008A1

Designated contracting state (EPC)
AT CH DE ES FR GB IT LI

DOCDB simple family (publication)
EP 0516999 A1 19921209; **EP 0516999 B1 19941026**; AT E113334 T1 19941115; DE 59200681 D1 19941201; DE 9106940 U1 19910725; ES 2064134 T3 19950116

DOCDB simple family (application)
EP 92107782 A 19920508; AT 92107782 T 19920508; DE 59200681 T 19920508; DE 9106940 U 19910606; ES 92107782 T 19920508