

Title (en)
Vertical metallic frame element

Title (de)
Vertikalrahmenelement aus Metall

Title (fr)
Élément de cadre vertical en métal

Publication
EP 1911907 B1 20151223 (DE)

Application
EP 06021346 A 20061011

Priority
EP 06021346 A 20061011

Abstract (en)
[origin: EP1911907A1] Metal vertical frame element comprises first vertical struts (21) and a rod-like horizontal crosspiece (23) connected together by welding. A first perforated plate with passages is fixed to the first strut by welding and is arranged concentrically to the strut to surround the strut in a flange-like manner. A railing element fixing unit is provided on the first strut at a distance from the perforated plate. Preferred Features: A connecting head is fixed to a second vertical strut by welding.

IPC 8 full level
E04G 1/14 (2006.01)

CPC (source: EP)
E04G 1/14 (2013.01)

Citation (examination)
• FR 2448013 A1 19800829 - GOUBAUD MICHEL
• FR 2288199 A1 19760514 - LAYHER EBERHARD [DE]
• DE 10009885 A1 20000914 - ETOBICOKE IRONWORKS LIMITED WE [CA]
• EP 1672140 A2 20060621 - PERUGINO ENGINEERING S R L [IT]
• EP 0351703 A2 19900124 - LANGER RUTH GEB LAYHER
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Cited by
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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

DOCDB simple family (publication)
EP 1911907 A1 20080416; EP 1911907 B1 20151223; ES 2562405 T3 20160304; PL 1911907 T3 20160630

DOCDB simple family (application)
EP 06021346 A 20061011; ES 06021346 T 20061011; PL 06021346 T 20061011