

Title (en)  
Assembly of guard rails

Title (de)  
Geländersystem

Title (fr)  
Ensemble de garde-corps

Publication  
**EP 1160395 A2 20011205 (EN)**

Application  
**EP 01850099 A 20010530**

Priority  
SE 0002023 A 20000531

Abstract (en)  
The invention relates to an arrangement for the assembly of guard rails (2) comprising poles (8;10), a screen arrangement (12) supported by the poles, and a fastening arrangement (14) for securing each guard rail pole (8;10) to a building frame (4,6). Each fastening arrangement (14) comprises a securing part (16) which can be anchored to the building frame, and a pole attachment (18) which can be coupled to the securing part. The pole attachment comprises a framework of elongate first (28) and second (30) tube elements joined together at a distance from each other, and at least at one end it is designed to support a pole (8;10). In the assembled position, the pole attachment (18) is oriented with the elongate tube elements (28;30) lying in a vertical plane transverse relative to the screen arrangement (12). <IMAGE>

IPC 1-7  
**E04G 21/32**

IPC 8 full level  
**E04G 21/32** (2006.01)

CPC (source: EP)  
**E04G 5/067** (2013.01); **E04G 21/3219** (2013.01); **E04G 21/3261** (2013.01); **E04G 21/3266** (2013.01); **E04G 2005/148** (2013.01)

Citation (applicant)  
• EP 0417355 A1 19910320 - WEURTWAND EXPLOITATIE [NL]  
• NL 1019494 C1 20020606 - HESJA DAKRANDBEVEILIGING B V [NL]

Cited by  
DE102015101788A1; CN102116085A; FR2938568A1; CN107012949A; DE10325728B4; EP3260629A1; US2023020395A1; US11993942B2; DE202015100594U1; DE102015101788B4

Designated contracting state (EPC)  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)  
**EP 1160395 A2 20011205**; **EP 1160395 A3 20040107**; **EP 1160395 B1 20100818**; AT E478212 T1 20100915; DE 60142816 D1 20100930; SE 0002023 D0 20000531

DOCDB simple family (application)  
**EP 01850099 A 20010530**; AT 01850099 T 20010530; DE 60142816 T 20010530; SE 0002023 A 20000531