

Title (en)  
SYSTEM FOR SECURING GUTTERING TO THE ENDS OF BALCONIES OR TERRACES

Title (de)  
SYSTEM ZUM BEFESTIGEN VON RINNEN AN BALKON- ODER TERRASSENABSCHLÜSSEN

Title (fr)  
SYSTEME DE FIXATION DE GOUTTIERES AUX EXTREMITES DES BALCONS OU TERRASSES

Publication  
**EP 0851958 B1 19981230 (DE)**

Application  
**EP 96938943 A 19960917**

Priority  
• DE 9601781 W 19960917  
• DE 19535187 A 19950922  
• DE 19535185 A 19950922  
• DE 29605100 U 19960319  
• DE 29606490 U 19960410

Abstract (en)  
[origin: US5960591A] PCT No. PCT/DE96/01781 Sec. 371 Date Mar. 13, 1998 Sec. 102(e) Date Mar. 13, 1998 PCT Filed Sep. 17, 1996 PCT Pub. No. WO97/11240 PCT Pub. Date Mar. 27, 1997A system for securing guttering to ends of balconies or terraces essentially consists of a supporting section and a gutter. Securing means are allocated to the supporting section and securing means are allocated to the gutter. Both securing means are arranged to act together to secure the gutter to the supporting section. The securing means for the supporting section consist of a support and a locking edge. The support acts as a counter-member for a suspension arm allocated to the gutter. Said suspension arm is a part of a hook-shaped suspension section. The gutter is secured to the supporting section by a bearing component which bears on the supporting arm of the supporting section and a securing member engaging behind the locking edge.

IPC 1-7  
**E04D 13/072**; **E04D 13/15**

IPC 8 full level  
**E04D 13/04** (2006.01); **E04D 13/072** (2006.01); **E04D 13/15** (2006.01); **E04D 13/158** (2006.01); **E04F 19/02** (2006.01)

CPC (source: EP US)  
**E04D 13/0459** (2013.01 - EP US); **E04D 13/0722** (2013.01 - EP US); **E04D 13/0727** (2013.01 - EP US); **E04D 13/15** (2013.01 - EP US); **E04D 13/158** (2013.01 - EP US); **E04D 2013/0468** (2013.01 - EP US)

Cited by  
DE102010035849A1

Designated contracting state (EPC)  
AT BE CH DE ES FR GB IE IT LI LU NL

DOCDB simple family (publication)  
**US 5960591 A 19991005**; AT E175254 T1 19990115; CA 2232589 A1 19970327; CZ 87198 A3 19980715; DE 59601095 D1 19990211; EP 0851958 A1 19980708; EP 0851958 B1 19981230; ES 2127023 T3 19990401; PL 326297 A1 19980914; TR 199800528 T1 19980622; WO 9711240 A1 19970327

DOCDB simple family (application)  
**US 4320198 A 19980313**; AT 96938943 T 19960917; CA 2232589 A 19960917; CZ 87198 A 19960917; DE 59601095 T 19960917; DE 9601781 W 19960917; EP 96938943 A 19960917; ES 96938943 T 19960917; PL 32629796 A 19960917; TR 9800528 T 19960917