

Title (en)  
CONNECTION DEVICE FOR TWO CONSTRUCTION ELEMENTS OF BUILDINGS

Publication  
**EP 0086328 B1 19850918 (DE)**

Application  
**EP 83100200 A 19830112**

Priority  
DE 3203127 A 19820130

Abstract (en)  
[origin: EP0086328A1] 1. Connecting device for connecting two structural components of building constructions, more especially wind-resistant or retaining stays for facade panels, comprising a connecting shaft (10), at least one widened end of said shaft engaging, in a longitudinally displaceable manner, behind an anchoring rail (20) mounted in one of the structural components to be connected, characterised in that this end is in the form of an annular bead (11), the portion (12) of which extends from the anchoring rail (20) and is in the form of a spherical surface ; in that the annular bead (11) is supported against a cup-shaped bearing (13), which is displaceable in the anchoring rail (20), by corresponding abutment surfaces (14) ; and in that the end face of the connecting shaft (10) is in the form of a spherical portion (15) and abuts against the rear wall (16) of the anchoring rail (20).

IPC 1-7  
**E04B 1/41**; **E04F 13/08**

IPC 8 full level  
**E04B 1/41** (2006.01); **E04B 2/94** (2006.01); **E04F 13/08** (2006.01)

CPC (source: EP)  
**E04B 2/94** (2013.01); **E04F 13/0803** (2013.01); **E04F 13/0835** (2013.01)

Cited by  
KR20030089755A; GB2390128A; GB2390128B

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

DOCDB simple family (publication)  
**EP 0086328 A1 19830824**; **EP 0086328 B1 19850918**; AT E15705 T1 19851015; DE 3203127 C1 19831103; DE 3360802 D1 19851024

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