

Title (en)  
CROSSPIECE FOR A CONNECTING ELEMENT

Publication  
**EP 0046850 B1 19851204 (DE)**

Application  
**EP 81105065 A 19810630**

Priority  
DE 3032443 A 19800828

Abstract (en)  
[origin: US4382712A] A force or load transmitting connecting element is provided at its ends with bolt eyes for receiving bolts which secure the connecting element to another structural component also provided with complementary bolt eyes or for securing a wing to an aircraft body. The bolt eyes must be capable of taking up compression and/or tension loads. For this purpose at least one reinforcing bridging web is located between at least two bolt eyes. The bridging web extends with its main plane perpendicularly to the central axes of the bolt eyes and loops at least partially around at least one of the bolt eyes. The bolt eyes are constructed as metal bushings. Thus, the bridging web braces the bolt eyes relative to each other.

IPC 1-7  
**F16B 5/02**

IPC 8 full level  
**F16B 5/07** (2006.01); **E04C 2/52** (2006.01); **F16B 5/02** (2006.01)

CPC (source: EP US)  
**E04C 2/526** (2013.01 - EP US); **Y10T 74/2142** (2015.01 - EP US); **Y10T 403/7075** (2015.01 - EP US)

Citation (examination)

- DE 1531374 A1 19700129 - MESSERSCHMITT BOELKOW BLOHM
- GB 1166700 A 19691008 - BOELKOW GMBH [DE]
- Dubbel, Band 2, S. 504

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

DOCDB simple family (publication)  
**EP 0046850 A1 19820310; EP 0046850 B1 19851204**; AT E16835 T1 19851215; DE 3032443 A1 19820304; DE 3032443 C2 19820812; JP S5773210 A 19820507; US 4382712 A 19830510

DOCDB simple family (application)  
**EP 81105065 A 19810630**; AT 81105065 T 19810630; DE 3032443 A 19800828; JP 13434881 A 19810828; US 28747981 A 19810727