

Title (en)
Force transfer element

Title (de)
Krafteinleitungselement

Title (fr)
Élément de transfert de force

Publication
EP 1507051 A1 20050216 (DE)

Application
EP 03018365 A 20030813

Priority
EP 03018365 A 20030813

Abstract (en)
The power flow element uses a contact pressure plate (3) to transfer force from the support structure to the compound material (5). The plate is pressed against the compound material through a pressure element such as a screw supported through a stirrup-shaped yoke (2b). Independent claim describes method for attaching power flow element by inserting compound material into stirrup-shaped yoke and pressing contact pressure plate against compound material through the pressure element or the like which is supported through the yoke.

Abstract (de)
Bei einem Krafteinleitungselement (1, 13) zur Verankerung eines bandförmigen Verbundwerkstoffs (5) an einer Tragstruktur (10), erfolgt eine Kraftübertragung von der Tragstruktur (10) auf den Verbundwerkstoff (5) mittels mindestens einer Anpressplatte (3). Die Anpressplatte (3) ist durch mindestens ein Mittel (4a, 4b) an den Verbundwerkstoff (5) angepresst ist, und das Mittel (4a, 4b) ist über ein bügel förmiges Joch (2b) abgestützt.
<IMAGE>

IPC 1-7
E04G 23/02

IPC 8 full level
E04C 3/26 (2006.01); **E04C 5/12** (2006.01)

CPC (source: EP)
E04C 3/26 (2013.01); **E04C 5/127** (2013.01); **E04G 2023/0251** (2013.01); **E04G 2023/0255** (2013.01); **E04G 2023/0259** (2013.01); **E04G 2023/0262** (2013.01)

Citation (search report)

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- [X] WO 0120097 A1 20010322 - EMPA [CH], et al
- [X] PATENT ABSTRACTS OF JAPAN vol. 2003, no. 04 2 April 2003 (2003-04-02)
- [X] PATENT ABSTRACTS OF JAPAN vol. 2000, no. 05 14 September 2000 (2000-09-14)
- [X] PATENT ABSTRACTS OF JAPAN vol. 0150, no. 32 (M - 1073) 25 January 1991 (1991-01-25)
- [X] PATENT ABSTRACTS OF JAPAN vol. 0150, no. 21 (M - 1070) 17 January 1991 (1991-01-17)

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CN103541513A; CZ308302B6

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AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

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