

Title (en)

A SERIES OF FITTINGS FOR JOINING I OR U-BEAMS OR OTHER BEAM CROSS SECTIONS

Title (de)

VERBINDUNGSTEILE FÜR I- ODER U-TRÄGER ODER TRÄGER MIT ANDEREN QUERPROFILIEN

Title (fr)

RACCORDS POUR POUTRES PROFILEES EN I, EN U OU AUTRE

Publication

**EP 0819200 A1 19980121 (EN)**

Application

**EP 96909986 A 19960403**

Priority

- DK 9600163 W 19960403
- DK 36895 A 19950403

Abstract (en)

[origin: WO9631667A1] A series of fittings is provided for joining I or U-beams of composite materials for bearing structures in form of frames, lattice structures etc. Each joint between adjacent beams is formed by particular fittings of a U-shaped profile in cross section. The back of the U is of a width corresponding to the inner width between the flanges of the I or the U-beams. The flanges of these fittings present almost the same outer width as the inner width of the flanges of the I or the U-beams. When seen in the longitudinal direction, the particular fitting of each beam joint is formed by two members together forming the same angle as the adjacent beams of the beam joint. The resulting joining of structures is very fast compared to conventional joining of structures, and it presents nevertheless a high strength.

IPC 1-7

**E04B 1/24**; **E04B 1/28**; **E04B 1/58**

IPC 8 full level

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