

Title (en)  
BEAM STRUCTURE AND METHOD FOR PRODUCING SUCH STRUCTURES

Title (de)  
TRÄGERSTRUKTUR UND VERFAHREN ZUR HERSTELLUNG

Title (fr)  
STRUCTURE DE POUTRE ET PROCEDE DE REALISATION DE TELLES STRUCTURES

Publication  
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Application  
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Priority  

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Abstract (en)  
[origin: EP1067250A1] The invention concerns a beam structure comprising at least a wing (1, 1') made of at least a first metal and at least a core (2, 2') made of at least a second metal, said core being assembled substantially perpendicular to said wing and said core being a sheet material or sheet metal. The invention is characterised in that the first metal has a high or very high yield strength, and associated with a yield strength/tensile strength ratio close to 1, the second metal has a yield strength substantially lower than that of the first metal; the second metal has a yield strength/tensile strength ratio substantially less than 0.9 and less than the value of said ratio exhibited by the first metal.

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