

Title (en)  
WELDABLE STRUCTURAL STEEL COMPONENT AND METHOD FOR MAKING SAME

Title (de)  
SCHWEISSBARES STAHLBAUTEIL UND HERSTELLUNGSVERFAHREN DAFÜR

Title (fr)  
PIECE D'ACIER DE CONSTRUCTION SOUDABLE ET PROCEDE DE FABRICATION

Publication  
**EP 1563109 A1 20050817 (FR)**

Application  
**EP 03789464 A 20031113**

Priority  
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Abstract (en)  
[origin: FR2847274A1] Weldable steel construction components have a chemical composition, by wt % of: (a) 0.40 at most C at most 0.50; (b) 0.50 at most Si at most 1.5; (c) 0 at most Mn at most 3; (d) 0 at most Ni at most 5; (e) 0 at most Cr at most 4; (f) 0 at most Cu at most 1; (g) 0 at most Mo + W/2 at most 1.5; (h) 0.0005 at most B at most 0.010; (i) N less than 0.025; (j) Al at most 0.9; (k) Si + Al at most 2.0; (l) possibly at least one element from V, Nb, Ta, S and Ca in contents less than 0.3 and/or from Ti and Zr in contents less than or equal to 0.5; (m) the rest being iron and production impurities. An Independent claim is also included for a method for the fabrication of this weldable steel component.

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IPC 8 full level  
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