

Title (en)  
STEEL FOR FRACTURE SPLIT CONNECTING RODS

Title (de)  
STAHL FÜR BRUCHGESPALTENE VERBINDUNGSSTÄBE

Title (fr)  
ACIER POUR BIELLES FRACTIONNÉES DE TYPE FS

Publication  
**EP 2216423 B1 20150930 (EN)**

Application  
**EP 08858217 A 20081128**

Priority  
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Abstract (en)  
[origin: EP2216423A1] The present invention provides a steel for a fracture splitting type connecting rod, in which: the steel contains C: 0.25 - 0.5% (in mass %, the same is applied hereunder), Si: 0.01 - 2.0%, Mn: 0.50 - 2.0%, P: 0.015 - 0.080%, S: 0.01 - 0.2%, V: 0.02 - 0.20%, Cr: 0.05 - 1.0%, Ti: 0.01 - 0.10%, and N: 0.01% or less; an f-value represented by the expression shown below is in the range of 0.003 to 0.04; and the average aspect ratio of sulfide system inclusions is 15 or less,  $f = \text{Ti} - \text{N} \times 48 / 14$  (in the expression, [Ti] and [N] represent the contents (mass %) of Ti and N in a steel, respectively).

IPC 8 full level  
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Cited by  
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