

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 A4 20141210 (EN)

Application
EP 08858217 A 20081128

Priority
• JP 2008071702 W 20081128
• JP 2007312523 A 20071203

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).

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Citation (search report)
• No further relevant documents disclosed
• See references of WO 2009072445A1

Cited by
EP2816131A4; US9951403B2; US9994943B2

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