

Title (en)
HIGH CARBON STEEL PLATE AND MANUFACTURING METHOD THEREFOR

Title (de)
HOCHFESTE STAHLPLATTE UND HERSTELLUNGSVERFAHREN DAFÜR

Title (fr)
TÔLE D'ACIER À HAUTE TENEUR EN CARBONE ET SON PROCÉDÉ DE PRODUCTION

Publication
EP 3208357 A1 20170823 (EN)

Application
EP 14903999 A 20141016

Priority
JP 2014077544 W 20141016

Abstract (en)
A high-carbon steel sheet includes: a chemical composition represented by, in mass%, C: 0.30% to 0.70%, B: 0.0004% to 0.0035%, and others; and a structure represented by a spheroidized ratio of cementite: 80% or more; and an average diameter of cementite: 0.3 μm to 2.2 μm , wherein a coefficient of micro-friction of ferrite on a surface of the steel sheet is less than 0.5.

IPC 8 full level
C22C 38/00 (2006.01); **C21D 8/02** (2006.01); **C21D 9/46** (2006.01); **C22C 38/58** (2006.01)

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Designated contracting state (EPC)
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