

Title (en)
HIGH STRENGTH HOT ROLLED STEEL SHEET CONTAINING HIGH MN CONTENT WITH EXCELLENT WORKABILITY AND METHOD FOR MANUFACTURING THE SAME

Title (de)
HOCHFESTES KALTGEWALZTES STAHLBLECH MIT HOHEM MN-GEHALT MIT HERVORRAGENDER BEARBEITBARKEIT UND HERSTELLUNGSVERFAHREN DAFÜR

Title (fr)
TOLE EN ACIER LAMINEE A CHAUD DE GRANDE RESISTANCE AYANT UNE TENEUR ELEVEE EN MN ET PRESENTANT UNE EXCELLENTE MANIABILITE, ET SON PROCEDE DE FABRICATION

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Application
EP 06798530 A 20060823

Priority
• KR 2006003303 W 20060823
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Abstract (en)
[origin: WO2007024092A1] A hot rolled steel sheet used for a bumper reinforcing material or for an impact absorption material in a door of automobiles, and a method for manufacturing the same are disclosed. The steel sheet comprises, by weight%, C: 0.2% ~ 1%, Mn: 8 ~ 15%, S: 0.05% or less, P: 0.03% or less, and the balance of Fe and other unavoidable impurities. A product of tensile strength and total elongation (TS x ToLEI) of the steel sheet is 24,000 MPa% or more. The method provides a high strength hot rolled steel sheet, which has a high strength-elongation balance value, ensuring excellent workability.

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Citation (search report)
• [XP] WO 2006082104 A1 20060810 - CORUS STAAL BV [NL], et al
• [X] WO 9313233 A1 19930708 - PO HANG IRON & STEEL [KR], et al
• See references of WO 2007024092A1

Cited by
EP1846584B1; EP1846584B2

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