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(54) **STEEL SHEET AND METHOD OF MANUFACTURING STEEL SHEET**

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(58) **Field of Classification Search**
None
See application file for complete search history.

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(57) **ABSTRACT**

A steel sheet, including: as chemical components, by mass %, 0.05% to 0.35% of C; 0.05% to 2.0% of Si; 0.8% to 3.0% of Mn; 0.01% to 2.0% of Al; equal to or less than 0.1% of P; equal to or less than 0.05% of S; equal to or less than 0.01% of N; and the balance including iron and inevitable impurities, wherein the steel sheet comprises 50% or more of a ferrite phase, a bainite phase, and a tempered martensite phase, 3% or more of a retained austenite phase, and 50% or more of the crystal grains of the retained austenite phase satisfy Expression 1, wherein a carbon concentration at a position of center of gravity is C_{gc} and a carbon concentration at a grain boundary is C_{gb}.

17 Claims, 1 Drawing Sheet

