

[Abstract]

A hot-dip plated steel material has a plating layer on a surface of a steel material,
in which the plating layer contains Al: more than 22.5% and 50.0% or less, Mg: more
than 3.0% and 15.0% or less, Ca: 0.03 to 0.6%, Si: 0.03 to 1.0%, Fe: 2 to 25%, and a
5 remainder consisting of Zn and impurities, and, in an X-ray diffraction pattern of a
surface of the plating layer, measured under conditions in which an X-ray output is a
voltage of 50 kV and a current of 300 mA using a Cu-K α ray, I_1 obtained from an X-ray
diffraction peak of $Al_{0.5}Fe_{1.5}$ is 1.1 or more, and I_2 obtained from X-ray diffraction peaks
of Zn, Al, and $MgZn_2$ is 0.25 or less.

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FIG. 1