

Title (en)
ALLOY GALVANIZED STEEL PLATE HAVING EXCELLENT SLIDABILITY

Title (de)
GALVANISIERTE STAHLPLATTE MIT AUSGEZEICHNETER GLEITEIGENSCHAFT

Title (fr)
PLAQUE D'ACIER GALVANISE PAR ALLIAGE, PRESENTANT D'EXCELLENTE PROPRIÉTÉS DE GLISSEMENT

Publication
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Application
EP 01274269 A 20011205

Priority
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Abstract (en)
An alloyed hot-dip galvanized steel sheet is obtained by forming a hot-dip galvanized layer on the surface of the steel sheet and then alloying the steel sheet. The steel sheet exhibits a potential of -850 mV or less when it is immersed in a zinc sulfate-sodium chloride electrolyte. Alternatively, when it is electrolyzed according to constant potential electrolysis process in a zinc sulfate-sodium chloride electrolyte at a potential in a range from -940 mV to -920 mV, the quantity of electricity consumed is less than or equal to 0.5 C/cm². The steel sheet exhibits excellent processability and particularly excellent sliding property. <IMAGE>

IPC 1-7
C23C 2/06; **C23C 2/26**; **G01N 27/42**; **G01N 33/20**

IPC 8 full level
C23C 2/26 (2006.01); **C23C 2/28** (2006.01); **G01N 27/42** (2006.01); **G01N 33/20** (2006.01)

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