

Title (en)
HIGH STRENGTH SHEET MADE FROM AL-ZN-CU-MG ALLOY WITH LOW INTERNAL STRESSES

Title (de)
GROBBLECH AUS AL-ZN-CU-MG LEGIERUNG MIT NIEDRIGEN INTERNEN DRÜCKEN

Title (fr)
TOLES FORTES EN ALLIAGE Al-Zn-Cu-Mg A FAIBLES CONTRAINTES INTERNES

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EP 1838891 B1 20151209 (FR)

Application
EP 05825980 A 20051209

Priority
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• FR 0413204 A 20041213

Abstract (en)
[origin: WO2006064113A1] The invention relates to a method for production of thick sheets made from Al-Zn-Cu-Mg type alloys, comprising 4 to 12 % zinc, less than 4 % magnesium, less than 4 % copper, trace elements = 0.5 % each, the remainder being aluminium, said method comprising hot lamination, placing in solution, quenching, controlled drawing with a permanent extension of more than 0.5 % and aging, characterised in that the time D between the end of the quench and the beginning of the controlled drawing is less than 2 hours.

IPC 8 full level
C22F 1/05 (2006.01); **C22C 21/10** (2006.01)

CPC (source: EP US)
C22C 21/10 (2013.01 - EP US); **C22F 1/053** (2013.01 - EP US)

Citation (opposition)
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