

Title (en)

METHOD FOR MAKING ALUMINIUM ALLOY STRIPS WITH HIGH SURFACE HOMOGENEITY

Title (de)

HERSTELLUNGSVERFAHREN VON ALUMINIUMBAND HOHER OBERFLÄSCHENHOMOGENITÄT

Title (fr)

PROCEDE DE FABRICATION DE BANDES EN ALLIAGE D'ALUMINIUM A GRANDE HOMOGENEITE DE SURFACE

Publication

EP 1056560 A1 20001206 (FR)

Application

EP 99903745 A 19990212

Priority

- FR 9900319 W 19990212
- FR 9801987 A 19980213

Abstract (en)

[origin: US2002084056A1] A process for manufacturing a strip of aluminum alloy having high surface homogeneity with an upper side showing after a 1 µm thick sulphur anodic treatment, an optical roughness value SN measured on three 5 cm longitudinal sections and three 5 cm transverse sections, such that its mean variation on each section, defined by the ratio: (Maximum SN-minimum SN)/Mean SN is less than 20%, and the difference DELTASN=SN max-SN min is less than 20. The strip is manufactured by continuous casting between two cooled rolls from a casting tank containing the liquid metal connected to an injector, and feeding the liquid metal into the gap between the two rolls. The injector has an upper lip recessed by at least 2 mm with reference to a lower lip of the injector.

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CPC (source: EP US)

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Citation (search report)

See references of WO 9941031A1

Cited by

DE102015114725B3; DE102009012984A1; DE102009012984B4; WO2017036456A1; WO2017032371A2; US10957942B2; US10960461B2; EP3296038A1

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US 2002084056 A1 20020704; **US 6948550 B2 20050927**; AT E294038 T1 20050515; AU 2429499 A 19990830; BR 9907880 A 20001017; CN 1222381 C 20051012; CN 1289275 A 20010328; DE 69924981 D1 20050602; EP 1056560 A1 20001206; EP 1056560 B1 20050427; FR 2774930 A1 19990820; FR 2774930 B1 20000519; JP 2002502708 A 20020129; NO 20004061 D0 20000811; NO 20004061 L 20001013; US 6834708 B1 20041228; WO 9941031 A1 19990819

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