

Title (en)

ALUMINUM FOIL HAVING IMPROVED BARRIER PROPERTIES

Title (de)

ALUMINIUMFOLIE MIT VERBESSERTER BARRIEREEIGENSCHAFT

Title (fr)

FEUILLE D'ALUMINIUM AYANT DES PROPRIÉTÉS BARRIÈRES AMÉLIORÉES

Publication

**EP 4263884 A1 20231025 (DE)**

Application

**EP 21839200 A 20211217**

Priority

- EP 20215692 A 20201218
- EP 2021086404 W 20211217

Abstract (en)

[origin: WO2022129475A1] The invention relates to an aluminum alloy foil having a maximum thickness of 12  $\mu\text{m}$ , 9  $\mu\text{m}$  or less than 8  $\mu\text{m}$ , wherein the aluminum alloy foil is an AA1xxx or A8xxx aluminum alloy in the annealed state. The invention further relates to a method for producing an aluminum alloy foil and to the use thereof. The invention aims to propose an aluminum alloy foil having improved barrier properties, a method for producing same, and a use, according to the invention, of the aluminum alloy foil. This aim is achieved in that the aluminum alloy foil has a maximum number of pores having a pore size of 1  $\mu\text{m}$  to 200  $\mu\text{m}$  with a maximum of 12 per  $\text{dm}^2$ , a maximum of 8 per  $\text{dm}^2$  or a maximum of 6 per  $\text{dm}^2$ . The invention also relates to a method for producing this aluminum alloy foil.

IPC 8 full level

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