

Title (en)

SINGLE-PIECE EXTENDED LAMINAR FLOW INLET LIPSKIN

Title (de)

EINSTÜCKIG VERLÄNGERTE RINGLIPPE(LIPSKIN) MIT LAMINAREM FLUSS

Title (fr)

PIÈCE EN ALUMINIUM AÉROSPATIAL (LIPSKIN)

Publication

**EP 3406750 B1 20230405 (EN)**

Application

**EP 18173837 A 20180523**

Priority

- US 201715603899 A 20170524
- NL 1042437 A 20170621

Abstract (en)

[origin: EP3406750A1] Methods are disclosed for forming metal workpieces made from a heat-treatable metal that has been shaped and tempered according to specified protocols that facilitate formation of large contoured unitary metal structures having welds that are retained in the finished structure, and finished metal structures made according to such methods.

IPC 8 full level

**C22F 1/04** (2006.01)

CPC (source: CN EP)

**B21D 35/002** (2013.01 - CN); **C22F 1/04** (2013.01 - CN EP)

Citation (examination)

- US 9090950 B2 20150728 - HALES STEPHEN J [US], et al
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- SANDERS DANIEL ET AL: "Superplastically Formed Friction Stir Welded Tailored Aluminum and Titanium Blanks for Aerospace Applications", 6TH EUROSPF CONFERENCE, 1 September 2008 (2008-09-01), pages 1 - 9, XP055798891
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FR3115221A1; FR3115223A1; FR3115222A1; WO2022084630A1; US11872617B2; WO2022084629A1; WO2022084628A1

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**EP 3406750 A1 20181128; EP 3406750 B1 20230405**; CN 109234650 A 20190118; CN 109234650 B 20210806

DOCDB simple family (application)

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