

Title (en)

DEEP-DRAWABLE SHEET OR STRIP MADE FROM ALUMINIUM OR ALUMINIUM ALLOYS, AND PROCESS FOR ITS MANUFACTURE

Publication

EP 0289775 B1 19921209 (DE)

Application

EP 88104904 A 19880326

Priority

DE 3713909 A 19870425

Abstract (en)

[origin: US4886713A] A deep drawable sheet or strip of metal, preferably aluminum or an aluminum alloy having a surface treated for deep drawing characterized in that the surface has a microroughness, Ra, ranging between about 0.1 and 0.8 μm and a uniform, honeycomb-shaped structure, wherein the honeycomb diameter ranges between about 20 μm and about 200 μm is provided.

IPC 1-7

B21B 1/22; **B21B 27/00**; **C22F 1/04**

IPC 8 full level

B21B 1/22 (2006.01); **B21B 3/00** (2006.01); **B21B 27/00** (2006.01); **C22F 1/00** (2006.01); **C22F 1/04** (2006.01); **B21B 1/28** (2006.01)

CPC (source: EP KR US)

B21B 1/227 (2013.01 - EP US); **B21B 3/00** (2013.01 - EP US); **C22C 1/04** (2013.01 - KR); **C22F 1/04** (2013.01 - EP US); **B21B 1/28** (2013.01 - EP US); **B21B 2003/001** (2013.01 - EP US); **B21B 2261/14** (2013.01 - EP US); **Y10T 428/12993** (2015.01 - EP US)

Cited by

EP0690142A1; EP0665448A1; FR2715593A1; EP1989009A4; WO0166276A1

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EP 0289775 A2 19881109; **EP 0289775 A3 19900523**; **EP 0289775 B1 19921209**; AT E83180 T1 19921215; DE 3713909 A1 19881110; DE 3876484 D1 19930121; ES 2037756 T3 19930701; GR 3006950 T3 19930630; JP H01111850 A 19890428; KR 880012783 A 19881129; US 4886713 A 19891212

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