

Title (en)
METALLIC SANDWICH SHEET

Title (de)
METALLISCHES SANDWICHBLATT

Title (fr)
METALLIC SANDWICH SHEET

Publication
EP 1567330 A1 20050831 (FR)

Application
EP 03782561 A 20031114

Priority
• FR 0303376 W 20031114
• FR 0214932 A 20021128

Abstract (en)
[origin: WO2004050349A1] The invention concerns a sandwich-type metal sheet (2), adapted to a forming and welding operation, and exhibiting excellent resistance at high temperatures, comprising two metal sheet facings (1, 1') having a melting point Tp, and a metallic core (4) having a melting point Ta, Ta capable of being equal to or different from Tp, whereby the core (4) has a density lower than the density of each of the facings (1, 1'), and the core (4) and each of the facings (1, 1') are mutually bound by means of a metallic binding agent (3, 3') having a melting point Tm lower than Ta and Tp. The invention also concerns a method for making said sandwich-type metal sheet (2), and its use in the automotive industry.

IPC 1-7
B32B 15/01; B23K 1/00; B32B 1/04

IPC 8 full level
B32B 15/01 (2006.01)

CPC (source: EP KR US)
B32B 3/06 (2013.01 - KR); **B32B 15/01** (2013.01 - KR); **B32B 15/011** (2013.01 - EP US); **Y10T 428/12444** (2015.01 - EP US); **Y10T 428/12479** (2015.01 - EP US)

Citation (search report)
See references of WO 2004050349A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)
FR 2847846 A1 20040604; **FR 2847846 B1 20060616**; AU 2003290198 A1 20040623; BR 0316547 A 20051004; CA 2506994 A1 20040617; CN 1720135 A 20060111; EP 1567330 A1 20050831; JP 2006507947 A 20060309; KR 20050085209 A 20050829; MX PA05005656 A 20050816; PL 375594 A1 20051212; US 2006147743 A1 20060706; WO 2004050349 A1 20040617

DOCDB simple family (application)
FR 0214932 A 20021128; AU 2003290198 A 20031114; BR 0316547 A 20031114; CA 2506994 A 20031114; CN 200380104609 A 20031114; EP 03782561 A 20031114; FR 0303376 W 20031114; JP 2004556403 A 20031114; KR 20057009722 A 20050528; MX PA05005656 A 20031114; PL 37559403 A 20031114; US 53517705 A 20051220