

Title (en)
FOLDED-SHEET HONEYCOMB STRUCTURE

Title (de)
FALTWABE

Title (fr)
STRUCTURE ALVEOLAIRE EN ACCORDEON

Publication
EP 0839088 A1 19980506 (DE)

Application
EP 96927019 A 19960716

Priority
• DE 19526189 A 19950718
• DE 19601172 A 19960115
• DE 19606195 A 19960221
• EP 9603121 W 19960716

Abstract (en)
[origin: WO9703816A1] Disclosed is a folded-sheet honeycomb structure for use, in particular, as the core of lightweight-construction sandwich materials, the honeycomb structure having rectangular or hexagonal walls (22) disposed at right angles to the facing layers and produced from a metal, plastic, woven-fabric, fibre-reinforced composite or paper sheet by making cuts and folding to give a rectangular waveform. This folded-sheet honeycomb structure has larger areas (13, 16) available to join it to the facing layers.

IPC 1-7
B31D 3/00

IPC 8 full level
E04C 2/34 (2006.01); **B31D 3/02** (2006.01); **E04C 2/36** (2006.01)

CPC (source: EP US)
E04C 2/3405 (2013.01 - EP US); **E04C 2/365** (2013.01 - EP US); **E04C 2002/3455** (2013.01 - EP US); **E04C 2002/3461** (2013.01 - EP US); **E04C 2002/3472** (2013.01 - EP US); **Y10T 428/24149** (2015.01 - EP US); **Y10T 428/24165** (2015.01 - EP US)

Designated contracting state (EPC)
AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
WO 9703816 A1 19970206; AT E186497 T1 19991115; AU 6699996 A 19970218; CA 2227176 A1 19970206; CN 1191508 A 19980826; CZ 12698 A3 19980617; EP 0839088 A1 19980506; EP 0839088 B1 19991110; HU P9802572 A2 19990201; HU P9802572 A3 19990928; JP 4335977 B2 20090930; JP H11509488 A 19990824; NO 980197 D0 19980115; NO 980197 L 19980309; PL 324520 A1 19980608; US 6183836 B1 20010206

DOCDB simple family (application)
EP 9603121 W 19960716; AT 96927019 T 19960716; AU 6699996 A 19960716; CA 2227176 A 19960716; CN 96195679 A 19960716; CZ 12698 A 19960716; EP 96927019 A 19960716; HU P9802572 A 19960716; JP 50628297 A 19960716; NO 980197 A 19980115; PL 32452096 A 19960716; US 98309798 A 19980506