

Title (en)
AIR FREIGHT PALLET

Publication
EP 0517755 B1 19930728 (DE)

Application
EP 91904790 A 19910302

Priority
DE 4006479 A 19900302

Abstract (en)
[origin: WO9113000A1] The invention relates to an air freight pallet (1) consisting of a light metal plate (2) trimmed around the edges with a light metal hollow profile (3) and connected by rivets (4) to this hollow profile (3). The light metal hollow profile parts (3) of the air freight pallet (1) have miter-cut sections (11) at the four corners. The miter joints are interconnected in a shear-resistant manner. To avoid welding on the miter joints of the light metal hollow profiles (3) while ensuring a connection which absorbs shearing forces, insert parts (12) are inserted in a non-retractable manner in the cavities (5) of the light metal hollow profiles (3) in the region of the miter joints. The insert parts act as corner connections and make a welded seam superfluous, because they establish a connection between the profile parts which is free from tilting or lever moments.

IPC 1-7
B65D 19/28

IPC 8 full level
B65D 19/00 (2006.01); **B65D 19/28** (2006.01)

CPC (source: EP US)
B65D 19/0002 (2013.01 - EP US)

Designated contracting state (EPC)
BE CH DE ES FR GB IT LI LU NL

DOCDB simple family (publication)
WO 9113000 A1 19910905; DE 4006479 A1 19910905; DE 59100233 D1 19930902; EP 0517755 A1 19921216; EP 0517755 B1 19930728; ES 2044727 T3 19940101; NO 179138 B 19960506; NO 179138 C 19960814; NO 923146 D0 19920812; NO 923146 L 19920812; US 5284098 A 19940208; ZA 911517 B 19911224

DOCDB simple family (application)
DE 9100187 W 19910302; DE 4006479 A 19900302; DE 59100233 T 19910302; EP 91904790 A 19910302; ES 91904790 T 19910302; NO 923146 A 19920812; US 91001892 A 19920713; ZA 911517 A 19910301