

Title (en)  
WEATHER-PROTECTION SHELTER FOR LIGHT AIRCRAFT

Publication  
**EP 0258181 B1 19910403 (DE)**

Application  
**EP 87810442 A 19870803**

Priority  
CH 340486 A 19860825

Abstract (en)  
[origin: US4832067A] A weather protective roofing structure for small aircraft comprising a plurality of hemispherical bars which are supported in a rotatable manner around a common axis, which bars are attached to and covered with a plurality of covering material segments forming a hemispherical cover. The hemispherical bars are rotatable around the common axis by means of a tackle apparatus and an electrical winch during assembly of the roofing structure to form an enclosure, and during disassembly and folding of the hemispherical cover. Assembly and disassembly are facilitated by means of two torsion springs provided at the hinge assemblies and attached to the outermost bar.

IPC 1-7  
**E04H 6/44**

IPC 8 full level  
**E04H 6/44** (2006.01); **E04H 15/38** (2006.01); **E04H 15/48** (2006.01)

CPC (source: EP US)  
**E04H 6/44** (2013.01 - EP US); **E04H 15/38** (2013.01 - EP US)

Cited by  
EP3418475A1; CN106481129A; CN109881955A

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

DOCDB simple family (publication)  
**EP 0258181 A1 19880302; EP 0258181 B1 19910403**; AT E62313 T1 19910415; AU 587908 B2 19890831; AU 7713787 A 19880225; CA 1286077 C 19910716; CH 670859 A5 19890714; DE 3769039 D1 19910508; FI 83122 B 19910215; FI 83122 C 19910527; FI 873664 A0 19870825; FI 873664 A 19880226; JP S6363872 A 19880322; NO 168904 B 19920106; NO 168904 C 19920422; NO 873152 D0 19870728; NO 873152 L 19880226; US 4832067 A 19890523

DOCDB simple family (application)  
**EP 87810442 A 19870803**; AT 87810442 T 19870803; AU 7713787 A 19870817; CA 545185 A 19870824; CH 340486 A 19860825; DE 3769039 T 19870803; FI 873664 A 19870825; JP 21001287 A 19870824; NO 873152 A 19870728; US 8587687 A 19870813