

Title (en)
IMPROVED PRIMARY ENGINE STRUT STRUCTURE OF AN AIRCRAFT

Title (de)
VERBESSERTE PRIMÄRTRIEBWERKSSTREBENSTRUKTUR FÜR EIN FLUGZEUG

Title (fr)
STRUCTURE PRIMAIRE DE MÂT DE MOTEUR D'AÉRONEF PERFECTIONNÉE

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Application
EP 06777772 A 20060713

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Abstract (en)
[origin: WO2007017339A1] The invention relates to a primary engine (9) strut (11) structure of an aircraft characterized in that it comprises single-piece composite panels (1a, 2a, 3a, 4a) while replacing the metallic spars (1, 2) and metal panels (3, 4), said composite panels having a lay-up (12) of fibers oriented along crosswise directions whereby integrating, in the width of the skin of the panels, a lattice structure that replaces longitudinal (13) and transversal (14) stiffeners of the spars and metal panels.

IPC 8 full level
B64D 27/18 (2006.01)

CPC (source: EP US)
B64D 27/18 (2013.01 - EP US)

Citation (search report)
See references of WO 2007017339A1

Citation (examination)
US 5452867 A 19950926 - GRUNWALD GERO [DE], et al

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