

Title (en)
LIFTING SYSTEM

Title (de)
HEBESYSTEM

Title (fr)
SYSTÈME DE LEVAGE

Publication
EP 1984289 A1 20081029 (DE)

Application
EP 06829806 A 20061221

Priority
• EP 2006012371 W 20061221
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Abstract (en)
[origin: WO2007093212A1] A lifting system (1) is used for lifting loads, for example for lifting and recovering an aircraft (2) following an accident, and has a lift (6) which can be positioned underneath a load, in particular underneath a mainplane (5) of an aircraft. The lift (6) has at least three lifting cylinders (8) or similar lifting elements and a docking head (9) for coupling to a load holding point. A measurement system is provided in order to detect the position of the docking head (9) and to measure the load vector that occurs at the docking head (9). A control device is connected to the measurement system, for mutually independent, load-controlled or movement-controlled confirmation of the individual lifting cylinder drives.

IPC 8 full level
B64F 5/00 (2006.01); **B66F 3/46** (2006.01); **B66F 7/20** (2006.01)

CPC (source: EP US)
B64F 5/50 (2016.12 - EP US); **B66F 3/46** (2013.01 - EP US); **B66F 7/20** (2013.01 - EP US)

Citation (search report)
See references of WO 2007093212A1

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