

Title (en)
LIFTING DEVICE, IN PARTICULAR A WORKING-PLATFORM

Publication
EP 0117862 A3 19851009 (FR)

Application
EP 84870025 A 19840220

Priority
• BE 896004 A 19830224
• BE 897720 A 19830909

Abstract (en)
[origin: EP0117862A2] 1. Lifting appliance, in particular nacelle (1) of generally rectangular, powered, suspended type, able to move upwardly and reversely along a facade wall or a building, characterized in that, on the one hand, along its lengthwise centre, are aligned a motor (2) able to be connected through a first transmission shaft (3) with a coupling-reversing device (4), for example controlled by means of a pneumatic jack, this coupling-reversing device being connected through a second shaft (5) with a case (6) containing a reduction unit intended to change the driving motion into a right-angled one, said second transmission shaft (5) bearing between the coupling-reversing device (4) and the case (6) containing the reduction unit, a flywheel (7) which is integral with said shaft and can be decelerated and blocked by means of a braking device (8) with jaws (9, 9') acting on the flywheel and the opening of which can only be obtained through a pressure exerted on a control means, this case containing said reduction unit driving, on the other hand, perpendicularly to the transverse alignment and on both sides, a third transmission shaft (10, 10') at the ends of which is located a lifting wheel (12) on which in each case passes a chain (14, 14') fastened along a building.

IPC 1-7
B66D 3/18; **B66D 1/14**; **B66D 5/14**

IPC 8 full level
B66D 1/74 (2006.01); **B66D 5/14** (2006.01)

CPC (source: EP)
B66D 1/7415 (2013.01); **B66D 5/14** (2013.01)

Citation (search report)
• [A] US 3237718 A 19660301 - PEARSON BERNARD A
• [A] DE 2339669 A1 19750227 - BOCZEK WALTER
• [A] US 1615182 A 19270118 - THORNE JAMES L
• [A] US 2649280 A 19530818 - RAUSENBERGER LARENCE E, et al
• [A] US 4177973 A 19791211 - ALBRECHT HENRY R [US], et al
• [A] EP 0009058 A1 19800402 - PLUMETTAZ SA [CH], et al

Cited by
EP0876987A1; NL1008092C2; US4869341A; EP1016616A1; NL1010908C2; CN102605941A; US7975807B2; WO2009082412A1

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

DOCDB simple family (publication)
EP 0117862 A2 19840905; **EP 0117862 A3 19851009**; **EP 0117862 B1 19881228**; DE 3475772 D1 19890202

DOCDB simple family (application)
EP 84870025 A 19840220; DE 3475772 T 19840220