

Title (en)
BALANCED CAMERA SLIDER

Title (de)
AUSGEWUCHTETER KAMERASCHIEBER

Title (fr)
COULISSEAU DE CAMÉRA ÉQUILIBRÉ

Publication
EP 3301069 A1 20180404 (EN)

Application
EP 17194395 A 20171002

Priority
• US 201615282607 A 20160930
• US 201715434786 A 20170216

Abstract (en)
A camera is mounted on a slider (200) having a base (24) and a tubular hollow arm (20) pivotally attached to the base. A counterweight carriage (34) is supported on the arm on carriage rollers (46, 48). An electric drive motor (102) moves the counterweight carriage linearly on top of the arm. A slider counterweight (218) is movable from a first position, wherein the counterweight carriage is at or adjacent to a first end of the arm and the slider counterweight is at or adjacent to a second end of the arm, and a second position wherein the counterweight carriage is at the second end of the arm, opposite from the first end, and the slider counterweight is at or adjacent to the first end of the arm. The arm remains balanced regardless of the movement or position of the camera slider.

IPC 8 full level
B66F 11/04 (2006.01)

CPC (source: EP)
B66F 11/048 (2013.01)

Citation (search report)
• [I] US 4952953 A 19900828 - RIDDERSTOLPE JOHAN [SE], et al
• [I] US 5856862 A 19990105 - KOKUSH ANATOLY AKIMOVICH [UA]
• [A] US 8333520 B1 20121218 - CRONIN MATTHEW J [US], et al
• [A] NL 9000830 A 19911101 - EGRIPMENT B V
• [A] KR 20010104148 A 20011124 - KIM BYOUNG HWAN [KR]

Cited by
CN109469801A; CN113623486A; CN113315015A; CN113090916A; CN115367133A; US2022002128A1; CN114933266A; CN114811323A

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 3301069 A1 20180404; EP 3301069 B1 20200909; CA 2979143 A1 20180330; CA 2979143 C 20190205

DOCDB simple family (application)
EP 17194395 A 20171002; CA 2979143 A 20170912