

Title (en)  
DRONE DESIGNED FOR VIEWING A DISTANT SCENE

Title (de)  
DROHNE ZUR BETRACHTUNG EINER ENTFERNTEN SZENE

Title (fr)  
DRONE ADAPTÉ A LA VISION D'UNE SCÈNE ELOIGNÉE

Publication  
**EP 3465321 A1 20190410 (FR)**

Application  
**EP 17731477 A 20170530**

Priority  
• FR 1654873 A 20160531  
• EP 2017063026 W 20170530

Abstract (en)  
[origin: WO2017207563A1] According to one aspect, the present description relates to a drone (10) designed for viewing a distant scene, comprising a flying platform (20) and at least one first camera (40) mechanically secured to the platform. The first camera (40) comprises an image sensor with a detection surface, an electro-optical system for creating images of the scene on the detection surface of the image sensor, able to give the camera a diagonal angular field of view of less than 47°. According to the first aspect, the electro-optical system comprises at least one first optical unit, which is fixed, comprising a plurality of optical dioptries, an electro-optical device with variable optical power able to adjust the focusing of the image on the detection surface, and a control unit controlling the electro-optical device.

IPC 8 full level  
**G02B 26/00** (2006.01); **A63H 27/00** (2006.01); **H04N 23/90** (2023.01)

CPC (source: EP US)  
**A63H 27/12** (2013.01 - EP); **B64U 10/13** (2023.01 - EP US); **B64U 20/87** (2023.01 - EP US); **G02B 3/14** (2013.01 - US); **G02B 26/004** (2013.01 - EP); **G02B 26/005** (2013.01 - US); **G03B 13/36** (2013.01 - US); **G03B 15/006** (2013.01 - US); **H04N 7/18** (2013.01 - US); **H04N 23/54** (2023.01 - US); **H04N 23/67** (2023.01 - US); **H04N 23/695** (2023.01 - US); **H04N 23/90** (2023.01 - US); **B64U 2101/30** (2023.01 - EP US); **G02B 26/005** (2013.01 - EP)

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