

Title (en)  
OPTICAL POSITION DETERMINATION AND IDENTIFICATION SYSTEM

Title (de)  
OPTISCHES POSITIONSBESTIMMUNGS- UND IDENTIFIKATIONSSYSTEM

Title (fr)  
SYSTÈME DE DÉTERMINATION ET D'IDENTIFICATION DE POSITION OPTIQUE

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**EP 3891653 A1 20211013 (DE)**

Application  
**EP 19816634 A 20191204**

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Abstract (en)  
[origin: WO2020115121A1] The invention relates an optical position determination and identification system for surroundings with a multiplicity of identically constructed objects (4), comprising a mobile image capturing unit (12) and texture elements (8) that are attachable to the objects (4), wherein each texture element (8) has a pattern (7) that repeats multiple times, the pattern in each case comprising pseudo-random deviations (10) from a predetermined basic pattern (9), and wherein the image capturing unit (12) is embodied to uniquely identify the texture elements (8) on the basis of the pseudo-random deviations (10) thereof. The optical position determination and identification system according to the invention is suitable, in particular, for use onboard commercial aircraft.

IPC 8 full level  
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