



## METHOD AND RELEVANT DEVICE FOR REVEALING OBJECTS

## ABSTRACT

- 5           The invention concerns a method, and relevant device, for remote sensing objects, characterised in that said objects are in a condition of thermal emission that is variable during time, and in that it comprises the following phases:
- 10           A. acquisition of a map of the radiation coming from the surface of the portion of space within or behind which the object to be sensed is supposed to be, at least at a first time  $t_1$  and a second time  $t_2$ , such times being successive to each other;
- 15           B. acquisition of a map of the radiation coming from the surface of said portion of space, considered at a third instant  $t^*$  different from said at least two times  $t_1$  and  $t_2$ ;
- C. summation of the maps of said at least two times  $t_1$  and  $t_2$  as obtained from the phase A;
- D. subtraction of the map at said time  $t^*$  as resulting from the phase B, from the sum as resulting from the phase C;
- 20           E. comparison between the values of each portion of map area as resulting from the phase D and a threshold value of the radiation intensity for the material of the sought objects;
- 25           F. identification of the material of the object under investigation with the sought material, when the result of the comparison of the phase E has provided the presence of at least a certain number  $n$  of area portions of said space portion, with  $n \geq 1$ , whose value for said radiation is larger than said threshold value.

