



## MODIFYING AN OVER-EXPOSED IMAGE

*Modifying a digital scene image containing an over-exposed object*

### Technological advantages

#### An accurate system

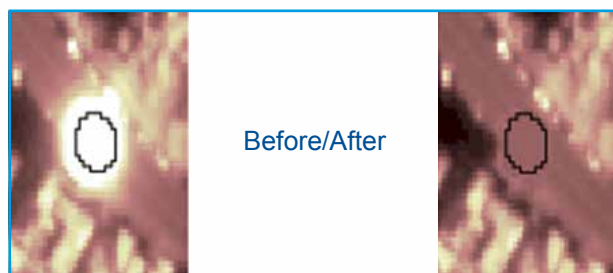
Editing isolated or expanded objects in the same area of saturation

Processing non-homogeneous radiometric levels in the same expanded object or between objects

#### Improved image quality

Improved quality of the acquired image (also applies to single-band spectral acquisition) containing an area of over-exposure

Determination of objects causing the over-exposure



Original image with saturation

Before/After

Corrected image excluding the area of saturation

### Summary of the invention

Procedure and apparatus for editing a digital image containing at least one over-exposed object

The over-exposed area is modified by means of recomputing.

### Commercial benefits

**Can be applied to various types of image acquisition equipment**

Digital camera

Acquisition equipment comprising scroll bars relative to the scene in frame

### Potential applications

**Digital photography: from the ground, airborne, by drone**

Remote detection

Astrophysics

TRL: 3

*Patented invention, available under licence*