

ABSTRACT**SYSTEM FOR IDENTIFYING AT LEAST ONE BEACON**

- 5 A system for identifying at least one beacon (B) comprising night vision goggles or a scope integrating an image amplifier tube (13).

- The image amplifier tube (13) comprises a diffraction grating (20) placed between an input window (15) and a photocathode (16) so as to diffract photons in said photocathode and to
10 enable the photocathode to have a quantum efficiency (QE):
- greater than 1% in an image-forming wavelength range and;
 - in the range from 0.001 to 1% in a detection wavelength range, distinct from said image-forming wavelength range, said detection wavelength range being at minimum from 1,000 nanometers to 1,100 nanometers;
- 15 the image amplifier tube being configured to capture an electromagnetic radiation emitted by said beacon in said second detection wavelength range.

[FIG. 5]