

Title (en)
PICTURE GENERATOR FOR A FIRE SIMULATOR

Publication
EP 0151053 B1 19890712 (FR)

Application
EP 85400008 A 19850104

Priority
FR 8400297 A 19840110

Abstract (en)
[origin: EP0151053A2] 1. An image-generating means for a firing simulator on a weapon having a line of sight which can be moved by a marksman in a first and a second direction, comprising a movable transparent reproduction of a landscape (7) and optical means (8, 9, 10) for producing a light beam and projecting a partial image of the transparent reproduction of a landscape on to a screen (3) for observation by the marksman, the means being characterized in that it comprises first devices (6) for moving the reproduction of a landscape in response to movement of the line of sight of the weapon in a first direction, so that the fraction of the reproduction projected on to the screen changes in relation to the movement of the line of sight of the weapon in the first direction, second means (19) for selecting a part of the changed fraction of landscape projected in response to the movement of the line of sight of the weapon in a second direction, the part alone constituting the image of a landscape visible on the screen, and third means (17, 16, 15) comprising a semi-transparent mirror (17) placed in the beam from the optical means so that a synthetic image of at least one target, one projectile and/or one impact is reflected in the semi-transparent mirror and superposed on the image of a landscape visible on the screen by projection through the semi-transparent mirror (17).

IPC 1-7
F41G 3/26; F41J 9/14

IPC 8 full level
F41G 3/26 (2006.01); **F41J 9/14** (2006.01)

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