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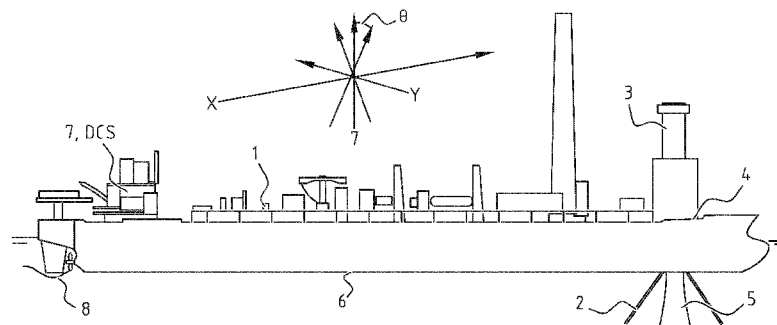
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(54) **Title**: SUPPRESSING NUISANCE ALARMS OF A FLOATING PRODUCTION, STORAGE AND OFFLOADING (FPSO) SURVEILLANCE SYSTEM

**FIG. 1**

(57) **Abstract**: A Floating Production, Storage and Offloading (FPSO) surveillance system (7) is equipped with an adjustable alarm threshold that suppresses nuisance alarms if liquid level variations in FPSO crude oil and/or other liquid storage tanks (6) monitored by the system do not exceed estimated oscillating liquid level variations due to oscillating motions of the FPSO unit (1) during severe weather conditions.