

Title (en)

System for preventing liquids from being driven to the flare stack tip.

Title (de)

System zum Verhindern des Mitreisens von Flüssigkeiten in die Abgasackelmündung.

Title (fr)

Système pour empêcher l'entraînement de liquides au nez de torche.

Publication

EP 0095397 A1 19831130 (FR)

Application

EP 83400897 A 19830504

Priority

FR 8207917 A 19820506

Abstract (en)

[origin: US4516932A] Safety system designed to eliminate liquids entrained or condensed, and to limit the heat radiation and the intensity of the noises received in the flaring or dispersion of gases from the production, processing and transportation of crude hydrocarbons, and elaborated on land or offshore. The system according to the invention involves a chamber 6 such as a flare-base flask connected to at least one flare stack which includes: a back-pressure device 11 and a tip 5 or an orifice for venting to the atmosphere, and means to pulverize into a mist any drops of liquid remaining in the gas flow, and to insure, rapidly, an intimate mixture of the gas with the ambient air. This system can be installed on land, at sea, on any type of fixed or floating support.

Abstract (fr)

Le système selon l'invention fait intervenir une capacité 6 telle qu'un ballon de pied de torche connecté à au moins un fût de torche qui comporte: un dispositif de contre-pression 11 et un nez 5 ou un orifice de mise à l'atmosphère équipé de moyens permettant, grâce à la vitesse élevée d'écoulement de gaz, de pulvériser en brouillard les gouttes de liquide subsistant éventuellement dans le flux de gaz et d'assurer rapidement un mélange intime du gaz avec l'air ambiant. Ce système peut être installé en terre, en mer, sur n'importe quel type de support fixe ou flottant.

IPC 1-7

E21B 41/00; **E21B 43/36**; **F23G 7/06**

IPC 8 full level

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CPC (source: EP US)

E21B 41/0071 (2013.01 - EP US); **E21B 43/36** (2013.01 - EP US); **F23G 7/085** (2013.01 - EP US)

Citation (search report)

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Designated contracting state (EPC)

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DOCDB simple family (application)

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