

Title (en)

Method and apparatus for damping a detonation in a container or a pipework system

Title (de)

Verfahren und Vorrichtung zum Abschwächen einer Detonation in einem Behälter- bzw. Rohrleitungssystem

Title (fr)

Procédé et appareil d'amortissement d'une détonation dans un conteneur ou un système de tuyauterie

Publication

EP 0765675 B1 20010829 (DE)

Application

EP 96115191 A 19960921

Priority

DE 19536292 A 19950929

Abstract (en)

[origin: EP0765675A2] The detonation front is divided into a main and smaller subsidiary front. The main front is introduced into the expansion chamber (17) with a longer operation time so that the expansion chamber contains combustion gases of the subsidiary front. The operation time of the main front in relation to the subsidiary front is such that the subsidiary front is already completely disintegrated in the expansion chamber when the main front enters the expansion chamber. After the disintegration of the detonation, the gas for extinguishing any residual flames is conducted through a flame-extinguishing barrier (7) with gaps in.

IPC 1-7

A62C 4/00

IPC 8 full level

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CPC (source: EP KR US)

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Cited by

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