

Title (en)

ARREST DEVICE FOR EXPLOSION RELIEF VALVE OF INTERNAL COMBUSTION ENGINE

Title (de)

SICHERUNGSVORRICHTUNG FÜR EIN EXPLOSIONSENTLASTUNGSVENTIL EINES VERBRENNUNGSMOTORS

Title (fr)

DISPOSITIF D'ARRET POUR CLAPET ANTI-EXPLOSION DE MOTEUR A COMBUSTION INTERNE

Publication

EP 2294297 A1 20110316 (EN)

Application

EP 08793689 A 20080904

Priority

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Abstract (en)

[origin: WO2009142363A1] An arrest device for an explosion relief valve of an internal combustion engine is disclosed. The arrest device includes arrest plates (10), which are stacked on top of one another. Each arrest plate includes bent parts (11) which each have a trapezoidal depression (12). The arrest plate further includes a flame dispersion guide (15), which is formed on the upper surface of each bent part. The arrest plates are stacked on top of one another such that the bent parts of the lower one of the adjacent arrest plates are inserted into the trapezoidal depressions of the bent parts of the upper one so that a flame dampening hole (13) is defined between the bent parts. Each flame dispersion guide is disposed at the medial position in the corresponding flame dampening hole, thus dispersing a flame upwards, downwards and in the longitudinal direction of the flame dampening hole.

IPC 8 full level

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CPC (source: EP KR)

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Citation (search report)

See references of WO 2009142363A1

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