

Title (en)

Closed hearth system with forced air flow

Title (de)

Geschlossenes Herdsystem mit Zwangsluftstrom

Title (fr)

Système à foyer fermé avec écoulement d'air forcé

Publication

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Application

EP 12155697 A 20120216

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NL 2006270 A 20110221

Abstract (en)

The present invention, relates to a closed hearth system. The system comprises a hearth (1) having an at least substantially closed combustion chamber (2), into which a fuel supply channel (18) for fluid fuel opens, in a wall of which combustion chamber an inlet opening is provided, which inlet opening is connected to a combustion air supply channel (4), and an outlet opening, which outlet opening is connected to a flue gas channel (5). The system further comprises an air circulation device (12) to be driven by a driving unit, which effects a forced air circulation, which air circulation device is connected to the flue gas channel and which, in use, generates an underpressure in the flue gas channel relative to the pressure in the combustion chamber. The invention further relates to a flue gas channel for use with a closed hearth system and to a method for adapting a closed hearth system.

IPC 8 full level

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Citation (applicant)

WO 2010057929 A1 20100527 - BODART ET GONAY [BE], et al

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