

Title (en)  
IMPROVED GAS BURNER FOR PREMIXED COMBUSTION

Title (de)  
VERBESSERTER GASBRENNER FÜR EINE VORMISCHUNGSVERBRENNUNG

Title (fr)  
BRÛLEUR À GAZ PERFECTIONNÉ POUR UNE COMBUSTION PRÉMÉLANGÉE

Publication  
**EP 2683985 A1 20140115 (EN)**

Application  
**EP 12711227 A 20120306**

Priority  
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• IB 2012000469 W 20120306

Abstract (en)  
[origin: WO2012123805A1] A gas burner (100) for premixed combustion is positioned in a combustion chamber (50) and comprises two components (1, 2), a first defined by a distributor (1 ) for a gas and air mixture and the second (2) defining the burner shell, said components (1, 2) being close together but spaced apart, the distributor (1 ) having a perforated distribution surface (3) through which the gas- air mixture passes directed towards the burner shell (2), which also has a perforated burning surface (15) on which the flame caused by the combustion of said mixture is generated, so as to create a thermal load within the combustion chamber (50). The thermal load in this latter is disuniformly distributed.

IPC 8 full level  
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Citation (search report)  
See references of WO 2012123805A1

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