

Title (en)  
Gas turbine combustion chamber.

Title (de)  
Brennkammer einer Gasturbine.

Title (fr)  
Chambre de combustion d'une turbine à gaz.

Publication  
**EP 0401529 A1 19901212 (DE)**

Application  
**EP 90108684 A 19900509**

Priority  
CH 209989 A 19890606

Abstract (en)  
In a combustion chamber (A) having the shape of an annular combustion chamber, a series of large and small premix burners (B, C) is arranged along the annular front wall (10). The large premix burners (B), which are the main burners of the combustion chamber (A), and the small premix burners (C), which are the pilot burners of the combustion chamber (A), follow each other in alternating sequence and regularly along the front wall (10), where they also open into the combustion space of the combustion chamber (A). A plurality of air nozzles (D) are positioned between the large premix burners (B) and the small premix burners (C), their injection being directed into the combustion space of the combustion chamber (A).  
<IMAGE>

Abstract (de)  
Bei einer Brennkammer (A) von der Form einer Ringbrennkammer sind entlang der ringförmigen Frontwand (10) eine Reihe von grossen mit kleinen Vormischbrennern (B, C) angeordnet. Die grossen Vormischbrenner (B), die die Hauptbrenner der Brennkammer (A) sind, und die kleinen Vormischbrenner (C), die die Pilotbrenner der Brennkammer (A) sind, folgen sich abwechselungsweise und regelmässig entlang der Frontwand (10), wo sie auch in den Brennraum der Brennkammer (A) münden. Zwischen den grossen Vormischbrennern (B) und den kleinen Vormischbrennern (C) sind mehrere Luftdüsen (D) platziert, deren Eindüsung in den Brennraum der Brennkammer (A) gerichtet ist.

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