

Title (en)  
Combustion chamber for ram jet.

Title (de)  
Brennkammer für Staustrahltriefwerk.

Title (fr)  
Chambre de statoréacteur à combustion supersonique.

Publication  
**EP 0401107 A1 19901205 (FR)**

Application  
**EP 90401425 A 19900529**

Priority  
FR 8907019 A 19890529

Abstract (en)  
Supersonic combustion ramjet comprising a combustion chamber, through which an air flow is intended to pass longitudinally at supersonic speed; a first injection device (20) for injecting a gaseous fuel flow (24) into the chamber at a speed of entry into the chamber having a transverse component of low amplitude; and a second injection device (30) located downstream of the first in the direction of flow of the air at supersonic speed, in order to inject into the chamber a gaseous oxidant flow (34) which contributes to breaking away from the wall of the chamber the gaseous fuel flow (24) injected by the first injection device. <IMAGE>

IPC 1-7  
**F02K 7/10**; **F02K 9/44**; **F02K 9/62**; **F23R 3/00**; **F23R 3/34**

IPC 8 full level  
**F02K 7/14** (2006.01); **F23R 3/00** (2006.01); **F23R 3/28** (2006.01); **F23R 3/34** (2006.01)

CPC (source: EP)  
**F23R 3/007** (2013.01); **F23R 3/346** (2013.01)

Citation (search report)

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