

Title (en)
Combustion chamber for gas turbine

Title (de)
Gasturbinen-Brennkammer

Title (fr)
Chambre de combustion pour turbine à gaz

Publication
EP 0489193 B1 19970723 (DE)

Application
EP 90123311 A 19901205

Priority
EP 90123311 A 19901205

Abstract (en)
[origin: EP0489193A1] In a combustion chamber for a gas turbine with an annular flame tube, the latter essentially consists of wall parts (18) overlapping in the circumferential direction. The wall parts (18) are elements which are bent in the axial direction of the turbine and along the outside of which facing the collecting chamber (6) the cooling air is guided in the circumferential direction. The cooling air flowing out of the overlapping gaps (22) is deflected in a grid (29) before entering the combustion chamber (15). <IMAGE>

IPC 1-7
F23R 3/00; **F23R 3/50**

IPC 8 full level
F23R 3/06 (2006.01); **F02C 7/18** (2006.01); **F23R 3/00** (2006.01); **F23R 3/42** (2006.01); **F23R 3/50** (2006.01)

CPC (source: EP US)
F23R 3/002 (2013.01 - EP US); **F23R 3/50** (2013.01 - EP US); **F05B 2260/202** (2013.01 - EP US)

Cited by
US5735115A; US6003297A; EP0648979A1; US5651253A; WO2024021252A1

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CH DE GB IT LI NL

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EP 0489193 A1 19920610; **EP 0489193 B1 19970723**; DE 59010740 D1 19970904; JP 3180830 B2 20010625; JP H04273913 A 19920930; US 5226278 A 19930713

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EP 90123311 A 19901205; DE 59010740 T 19901205; JP 31888291 A 19911203; US 79931691 A 19911127