

Title (en)
Turbomachine

Title (de)
Strömungsmaschine

Title (fr)
Turbomachine

Publication
EP 1816401 B1 20140903 (DE)

Application
EP 07100491 A 20070112

Priority
DE 102006004785 A 20060202

Abstract (en)
[origin: EP1816401A2] The turbomachine includes an outer carrier (3), an inner segment carrier (4), and a front plate (5) having connecting contours (7,7') e.g. grooves (9), tongues (10) axially releasable and mutually engageable to assemble the carriers and the front plate and form a combustion chamber (1). The outer carrier, the inner segment carrier, and the front plate are made from shell pieces (13) each having a bottom half shell (14) and a top half shell (15) connectable to each other. A casing (8) is set around the combustion chamber, and has a maintenance opening that allows access to the carriers and the front plate. An independent claim is also included for a turbomachine component dismantling method.

IPC 8 full level
F01D 25/24 (2006.01); **F23R 3/50** (2006.01); **F23R 3/60** (2006.01)

CPC (source: EP US)
F23R 3/50 (2013.01 - EP US); **F23R 3/60** (2013.01 - EP US); **Y10T 29/4932** (2015.01 - EP US)

Cited by
ITMI20101285A1; EP2213846A4; WO2009054050A1

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