

Title (en)
COMBUSTION CHAMBER SHINGLE OF A GAS TURBINE

Title (de)
Brennkammerschindel einer Gasturbine

Title (fr)
BARDEAUX DE CHAMBRE DE COMBUSTION D'UNE TURBINE À GAZ

Publication
EP 2918915 B1 20161228 (DE)

Application
EP 15158450 A 20150310

Priority
DE 102014204472 A 20140311

Abstract (en)
[origin: US2015260400A1] Combustion chamber shingle of a gas turbine, including a bolt for bearing the combustion chamber shingle at the combustion chamber wall, wherein the combustion chamber shingle is formed substantially in a plate-shaped manner, and has at least one bearing element at one side, at which the bolt that is formed as a separate structural element is anchored in a form-locking manner, wherein the bolt, at its end area, is provided with a bearing area that is arranged at a rectangular position to the bolt axis and that is arranged inside a recess of the bearing element, wherein the bolt has a centric passageway recess, and wherein the recess of the bearing element is dimensioned so as to be bigger than the bearing area of the bolt, so that a hollow space is created between the surface of the combustion chamber shingle and the bearing area of the bolt.

IPC 8 full level
F23R 3/00 (2006.01); **F23R 3/60** (2006.01)

CPC (source: EP US)
F23R 3/002 (2013.01 - EP US); **F23R 3/60** (2013.01 - EP US); **F23R 2900/00017** (2013.01 - EP US); **F23R 2900/03041** (2013.01 - EP US)

Cited by
DE102015217161A1; EP3139090A3; DE102019202466A1; EP3453966A1; US10670273B2; US10670274B2; DE102019202466B4; EP3369996A1; DE102017203326A1; US10837646B2; US10670275B2; US11187411B2

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