

Title (en)
Abradable seal for turbomachines

Title (de)
Anstreifdichtung für Turbomaschinen

Title (fr)
Joint abrasable pour turbomachines

Publication
EP 1013890 A3 20011107 (DE)

Application
EP 99124032 A 19991209

Priority
DE 19858031 A 19981216

Abstract (en)
[origin: EP1013890A2] The contact seal consists entirely of a foamed metallic corrosion-resistant high-temperature alloy, fixed to the wall sector by high temperature soldering. Since there is no open-pore structure, the solder is not taken into the seal structure by capillary attraction, so the foam is easy to solder. The unfoamed raw material may first be connected to the wall sector, and then foamed.

IPC 1-7
F01D 11/12

IPC 8 full level
F01D 11/12 (2006.01)

CPC (source: EP)
F01D 11/127 (2013.01); **F05D 2300/612** (2013.01)

Citation (search report)
• [A] US 4480956 A 19841106 - KRUEGER WOLFGANG [DE], et al
• [DA] EP 0605417 A1 19940713 - TECHNETICS CORP [US]
• [A] US 4177308 A 19791204 - BEELER DAVID R [US]

Cited by
DE102011014292A1; US7775766B2; DE102013219766A1; DE102007032707A1; WO2005061855A1; EP2241724A2; DE102009016803A1; US9200567B2; US10662806B2; EP2196632A2; US8650753B2; EP2873811A1; DE102013223585A1; US10519792B2

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