

Title (en)
LOCAL ENERGY ACTIVATION OF GETTER

Title (de)
LOKALE ENERGIEAKTIVATION EINES GETTERS

Title (fr)
ACTIVATION ENERGETIQUE LOCALE D'UN DEGAZEUR

Publication
EP 0958589 B1 20090513 (EN)

Application
EP 97949479 A 19971126

Priority
• US 9721093 W 19971126
• US 76666896 A 19961212
• US 76643596 A 19961212

Abstract (en)
[origin: WO9826443A1] A getter (50 or 74) situated in a cavity of a hollow structure, such as a flat-panel device, is activated by directing light energy locally through part of the hollow structure and onto the getter. The light energy is typically provided by a laser beam (60). The getter, typically of the non-evaporable type, is usually inserted as a single piece of gettering material into the cavity. The getter normally can be activated/re-activated multiple times in this manner, typically during the sealing of different parts of the structure together. The getter-containing cavity can be formed by a pair of plate structures (40 and 42) sandwiched around and outer wall (44), or by an auxiliary compartment (72) connected to a larger main compartment (70) typically constituted by the plate structures and outer wall.

IPC 8 full level
B01J 19/12 (2006.01); **H01J 29/46** (2006.01); **H01J 9/385** (2006.01); **H01J 9/39** (2006.01); **H01J 17/24** (2012.01); **H01J 29/94** (2006.01); **H01J 31/12** (2006.01)

CPC (source: EP KR)
H01J 9/385 (2013.01 - EP); **H01J 17/24** (2013.01 - EP); **H01J 29/46** (2013.01 - KR); **H01J 29/94** (2013.01 - EP); **H01J 2209/385** (2013.01 - EP); **H01J 2329/00** (2013.01 - EP)

Designated contracting state (EPC)
DE FR GB

DOCDB simple family (publication)
WO 9826443 A1 19980618; DE 69739403 D1 20090625; DE 958589 T1 20000817; EP 0958589 A1 19991124; EP 0958589 A4 20060201; EP 0958589 B1 20090513; EP 1775750 A2 20070418; EP 1775750 A3 20070502; JP 2001508586 A 20010626; JP 3553974 B2 20040811; KR 100516707 B1 20050922; KR 100526856 B1 20051108; KR 20000057540 A 20000925; KR 20050048627 A 20050524

DOCDB simple family (application)
US 9721093 W 19971126; DE 69739403 T 19971126; DE 97949479 T 19971126; EP 06026200 A 19971126; EP 97949479 A 19971126; JP 52668598 A 19971126; KR 19997005250 A 19990611; KR 20057004114 A 20050310