

Title (en)
OXYGEN SCAVENGER/INDICATOR

Title (de)
SAUERSTOFF -SCAVENGER/- INDIKATOR

Title (fr)
CAPTEUR/INDICATEUR D'OXYGENE

Publication
EP 1952139 A1 20080806 (DE)

Application
EP 06818643 A 20061117

Priority
• EP 2006011075 W 20061117
• DE 102005055634 A 20051122

Abstract (en)
[origin: DE102005055634A1] Oxygen-scavenger/-indicator comprises at least one oxygen sorbent of a metal or a metallic component, which is convertible into oxygen by higher oxidation step; at least one complex former and/or redox indicator for metal or metal component in oxidized form; and at least one electrolyte, where at least one physical characteristic of the oxygen sorbent is changed by the complex former and/or interaction with the redox indicator. An independent claim is included for a composite system containing at least one carrier layer and at least one oxygen-scavenger/indicator.

IPC 8 full level
G01N 31/22 (2006.01); **B65D 79/00** (2006.01); **B65D 79/02** (2006.01)

CPC (source: EP US)
A23L 3/003 (2013.01 - EP US); **A23L 3/3436** (2013.01 - EP US); **G01N 31/225** (2013.01 - EP US)

Citation (search report)
See references of WO 2007059900A1

Designated contracting state (EPC)
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DOCDB simple family (publication)
DE 102005055634 A1 20070531; CA 2629262 A1 20070531; EP 1952139 A1 20080806; JP 2009516836 A 20090423; US 2008300133 A1 20081204; WO 2007059900 A1 20070531

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