

Title (en)
METAL CATALYST RECOVERY SYSTEM

Title (de)
RÜCKGEWINNUNGSSYSTEM FÜR EINEN METALLKATALYSATOR

Title (fr)
SYSTEME DE RECUPERATION DE CATALYSEUR METALLIQUE

Publication
EP 1594610 A4 20100908 (EN)

Application
EP 04705533 A 20040127

Priority

- JP 2004000707 W 20040127
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- JP 2003019320 A 20030128
- JP 2003272541 A 20030709
- JP 2003428180 A 20031224

Abstract (en)
[origin: WO2004067172A1] The metal catalyst recovery system includes: a container into which materials each including a metal substrate carrying a metal catalyst and an inner case in which the metal substrate is supported internally are thrown; impact blades which rotate inside the container, destroy the materials by impact to make the materials have a size to fall by its own weight, and separate powder including the metal catalyst from the destroyed pieces of the materials, a floating means which floats the separated powder higher upward inside the container, and a powder collector which sucks in and recovers the powder floating inside the container.

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B01J 38/00

IPC 8 full level
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CPC (source: EP KR)
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Citation (search report)

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- [A] DE 4105224 C1 19920227
- [A] US 4739937 A 19880426 - CARPENTER JR JAMES H [US], et al
- See references of WO 2004067172A1

Designated contracting state (EPC)
DE FR GB

DOCDB simple family (publication)
WO 2004067172 A1 20040812; EP 1594610 A1 20051116; EP 1594610 A4 20100908; JP 2006516474 A 20060706; JP 4313393 B2 20090812; KR 20050093849 A 20050923

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