

Title (en)  
FIXING DEVICE FOR CATALYST PARTICLES

Title (de)  
FIXIERVORRICHTUNG FÜR KATALYSATORPARTIKEL

Title (fr)  
DISPOSITIF DE FIXATION POUR DES PARTICULES DE CATALYSEUR

Publication  
**EP 2252392 A1 20101124 (DE)**

Application  
**EP 09712941 A 20090123**

Priority  
• EP 2009000405 W 20090123  
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Abstract (en)  
[origin: WO2009103395A1] The invention relates to a fixing device for catalyst particles, wherein the catalyst particles are present in a bulk mass that can have a gas flow flowing through the bulk mass in the direction of gravity, by means whereof a low specific pressure loss is to be achieved, also remaining low in case of potential operationally induced contamination, said device having as little influence as possible on the dwell time of the gas flowing through, allowing secure retention of the catalyst particles even under high flow speeds, and having a certain flexibility in order to be able to adapt to changes in the bulk good. The aim is achieved in that at least one layer of a metal mesh (10) is placed on the bulk good (3) of catalyst particles, and the metal mesh (10) is made of individual metal mesh elements (11) securely woven together.

IPC 8 full level  
**B01J 8/02** (2006.01)

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Citation (examination)  
• US 2006090233 A1 20060504 - BOTCHER EWALD [DE]  
• US 6457182 B1 20021001 - SZCZESUIL STEVE [US], et al  
• WO 9530346 A1 19951116 - MUENCH FRIEDRICH GMBH & CO KG [DE], et al  
• See also references of WO 2009103395A1

Designated contracting state (EPC)  
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Designated extension state (EPC)  
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DOCDB simple family (publication)  
**WO 2009103395 A1 20090827**; AR 070448 A1 20100407; BR PI0907582 A2 20150721; CA 2715801 A1 20090827; CA 2715801 C 20161108; CN 101909739 A 20101208; CN 101909739 B 20140730; DE 102008010422 A1 20090903; EA 019310 B1 20140228; EA 201001314 A1 20110429; EP 2252392 A1 20101124; HK 1146252 A1 20110520; JP 2011515204 A 20110519; JP 5727230 B2 20150603; KR 101590200 B1 20160129; KR 20100122897 A 20101123; MX 2010009249 A 20100910; MX 339868 B 20160614; MY 150513 A 20140130; US 2010316540 A1 20101216; US 8303904 B2 20121106; ZA 201006716 B 20110525

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