Title (en)

FLUIDISED BED DEVICE WITH QUICK FLUIDISATION AND SATURATED FLOW OF CIRCULATING SOLIDS

Title (de)

WIRBELSCHICHTVORRICHTUNG MIT SCHNELLER VERWIRBELUNG UND GESÄTTIGTEM STROM VON ZIRKULIERENDEN FESTSTOFFEN

Title (fr)

DISPOSITIF DE LIT FLUIDISE A FLUIDISATION RAPIDE ET A FLUX SATURE DE SOLIDES CIRCULANTS

Publication

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Application

EP 09756033 A 20091015

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Abstract (en)

[origin: WO2010049619A1] The invention relates to a reactor (1) for a quick fluidised bed including a substantially cylindrical housing (10), an upper portion (11) for connecting to the inlet of a solid-separating cyclone (2) and a lower portion (12) for connecting to a duct (4) for the egress of solids from said cyclone. According to the invention, the housing (10) is flared with inclined walls and the lower section thereof is in the upper portion.

IPC 8 full level

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Citation (search report)

See references of WO 2010049619A1

Citation (examination)

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• US 6596242 B1 20030722 - DRIES HUBERTUS W ALBERTUS [NL]
• "Handbook of Fluidization and Fluid-Particle Systems", 19 March 2003, CRC PRESS TAYLOR & FRANCIS GROUP LLC, ISBN: 978-0-82-470259-5, article YONG JIN ET AL: "Chapter 7: Effect of Internal Tubes and Baffles", XP055010008, DOI: 10.1201/9780203912744.ch7

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