

Title (en)
DOWNCOMERS FOR SLURRY BUBBLE COLUMN REACTORS

Title (de)
ABLAUFVORRICHTUNGEN FÜR SUSPENSIONSBLASENREAKTOREN

Title (fr)
TUBE DE DESCENTE POUR REACTEUR A BOUILLIE BOUILLONNANTE

Publication
EP 1720646 A1 20061115 (EN)

Application
EP 05708383 A 20050217

Priority

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- GB 0404069 A 20040224

Abstract (en)
[origin: GB2411365A] A downcomer (61) for use in a slurry bubble column reactor (60) comprises: an upper part (62) including a slurry inlet (66) through which slurry can enter the downcomer (61), gas separation means (65) arranged to separate gas bubbles from the slurry, and a gas outlet through which the separated gas can escape; an elongate, tubular-shaped intermediate section (63) which extends vertically in use and through which slurry can pass downwards; and a lower portion (64) which has a slurry outlet (71). The slurry outlet (71) is defined by a wall (69) which is inclined relative to the longitudinal axis of the intermediate section (63).

IPC 8 full level
B01J 8/22 (2006.01); **C10G 2/00** (2006.01)

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