

Title (en)

PROCESS FOR NITRIFICATION OF WASTE WATER

Publication

EP 0000006 B1 19810204 (EN)

Application

EP 78200030 A 19780601

Priority

NL 7706189 A 19770606

Abstract (en)

[origin: EP0000006A1] Process for the nitrification of waste water in a trickle phase reactor whereby the gas containing molecular oxygen contains more than 25% by weight of molecular oxygen, the off-gas in the column is vented and/or recycled, during the nitrification 0.5-10% by weight of CO₂, with respect to the total quantity of molecular oxygen present, such a quantity of the liquid effluent of the reactor is recycled that the entire column contents are irrigated and the gas and the liquid contact each other counter-currently. This process can be used for the nitrification of industrial waste water, especially waste water of fertilizer plants.

IPC 1-7

C02F 3/04

IPC 8 full level

C02F 3/06 (2006.01); **C02F 3/34** (2006.01)

CPC (source: EP)

C02F 3/06 (2013.01); **C02F 3/34** (2013.01); **Y02W 10/10** (2015.05)

Cited by

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