

Title (en)  
PROCESS FOR THE TREATMENT OF PARTICULATE MATTER BY FLUIDISATION, AND VESSEL WITH APPARATUS TO CARRY OUT THE TREATMENT

Title (de)  
VERFAHREN ZUM BEHANDELN TEILCHENFÖRMIGEN MATERIALS IM WIRBELSCHICHTVERFAHREN SOWIE GEFÄSS UND ANLAGE ZUR DURCHFÜHRUNG DES VERFAHRENS

Title (fr)  
PROCEDE POUR TRAITER DES MATERIAUX PARTICULAIRES PAR FLUIDISATION, ET RECIPIENT ET DISPOSITIF POUR METTRE EN OEUVRE LEDIT PROCEDE

Publication  
**EP 0902841 A1 19990324 (DE)**

Application  
**EP 97921513 A 19970515**

Priority  
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• AT 87696 A 19960517

Abstract (en)  
[origin: WO9744495A1] In a process for the treatment of particulate matter by fluidisation the particulate matter is held and treated in a fluidised bed (2) with the treatment gas flowing from the bottom to the top. To minimise consumption of the treatment gas, and to reduce the entrainment of fines by the treatment gas, particulate matter with a wide ranging grain size distribution and a relative large content of fines is used and the empty pipe flow rate of the treatment gas in the fluidised bed (2) is kept smaller than the flow rate required for the fluidising of the larger particles of the particulate matter.

IPC 1-7  
**C21B 13/00**; **C22B 5/14**

IPC 8 full level  
**C21B 13/00** (2006.01); **C22B 5/14** (2006.01); **F27B 15/08** (2006.01)

CPC (source: EP KR)  
**C21B 13/00** (2013.01 - KR); **C21B 13/0033** (2013.01 - EP); **C22B 5/14** (2013.01 - EP KR); **Y02P 10/122** (2015.11 - EP); **Y02P 10/134** (2015.11 - EP); **Y02P 10/20** (2015.11 - EP)

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