

Title (en)

METHOD AND DEVICE FOR ADSORBING A CARRIED LOAD

Title (de)

VERFAHREN UND VORRICHTUNG ZUR ADSORPTION MITGEFÜHRTER FRACHT

Title (fr)

PROCEDE ET DISPOSITIF POUR ADSORBER UNE CHARGE ENTRAINEE

Publication

EP 0969912 A1 20000112 (DE)

Application

EP 98917066 A 19980324

Priority

- DE 19712307 A 19970324
- EP 9801717 W 19980324

Abstract (en)

[origin: DE19712307A1] Disclosed is a method for adsorbing a load carried by a gaseous or liquid medium, e.g. moisture from a gas flow, by means of an adsorbing agent contained in a screening body through which the medium flows. The medium flows in and out of the screening body in order to provide an energy saving inventive method. The medium infeed velocity on the inflow side and the medium outfeed velocity on of the outflow side remain constant along the entire surface of the screening body which is provided for the medium. The ratio between the depth at which the medium flows through the screening body and the diameter of the flow is as small as possible. The invention further relates to a device enabling said method to be carried out.

IPC 1-7

B01D 53/04; **B01D 53/26**

IPC 8 full level

B01D 53/04 (2006.01); **B01D 53/26** (2006.01)

CPC (source: EP)

B01D 53/0446 (2013.01); **B01D 53/261** (2013.01); **B01D 2253/106** (2013.01); **B01D 2253/108** (2013.01); **B01D 2253/116** (2013.01); **B01D 2257/80** (2013.01); **B01D 2259/4009** (2013.01)

Citation (search report)

See references of WO 9842430A1

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

DE 19712307 A1 19981001; EP 0969912 A1 20000112; JP 2001518013 A 20011009; WO 9842430 A1 19981001

DOCDB simple family (application)

DE 19712307 A 19970324; EP 9801717 W 19980324; EP 98917066 A 19980324; JP 54488598 A 19980324