

Title (en)
COMPOSITION AND PROCESS FOR SEPARATING WATER FROM CHEMICAL MIXTURES

Title (de)
ZUSAMMENSETZUNG UND VERFAHREN ZUR ABSCHIEDUNG VON WASSER AUS CHEMISCHEN MISCHUNGEN

Title (fr)
SEPARATION DE L'EAU ET DE MELANGES CHIMIQUES

Publication
EP 1144090 A3 20011128 (EN)

Application
EP 99966357 A 19991216

Priority

- US 9930064 W 19991216
- US 11254698 P 19981216
- US 29133999 A 19990414

Abstract (en)
[origin: WO0035562A2] The present invention relates to novel compositions of drying agents of superabsorbent polymers, molecular sieves and mixtures thereof and binders of polyurethane foam, polyisocyanurate foam and supports comprising cellulose and a method for separating, drying and/or filtering chemical mixtures. The composition and method of the invention have broad applicability. They may be used for example to remove water from chemical mixtures like refrigerants (e.g., in vehicular refrigeration systems), air (e.g., in vehicular braking systems), natural gas and cleaning solvents (e.g., used in semiconductor manufacture and pipeline cleaning).

IPC 1-7
B01D 53/28

IPC 8 full level
B01D 53/26 (2006.01); **B01D 53/28** (2006.01)

CPC (source: EP)
B01D 53/261 (2013.01); **B01D 53/28** (2013.01)

Citation (search report)
See references of WO 0035562A2

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
WO 0035562 A2 20000622; WO 0035562 A3 20010907; AU 2191800 A 20000703; EP 1144090 A2 20011017; EP 1144090 A3 20011128

DOCDB simple family (application)
US 9930064 W 19991216; AU 2191800 A 19991216; EP 99966357 A 19991216