

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

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Application

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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).

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