

Title (en)
PROCESS FOR THE PURIFICATION OF PHOSPHORIC ACID

Title (de)
VERFAHREN ZUR REINIGUNG VON PHOSPHORSÄURE

Title (fr)
PROCEDE DE PURIFICATION DE L'ACIDE PHOSPHORIQUE

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Application
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Abstract (en)
[origin: WO9535257A1] The invention relates to a process for the purification of an impure phosphoric acid prepared by the wet process. The acid to be purified is concentrated to 58-68 % P₂O₅ acid by heating. The impurities are removed from the acid by crystallization, as a compound M_{2+n}(H₂PO₄)₂·nH₃PO₄, where M₂₊ is a bivalent metal ion impurity and n may vary within 2-5.

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