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(71) Applicant (for all designated States except US): **BP CHEMICALS LIMITED** [GB/GB]; Britannic House, 1 Finsbury Circus, London EC2M 7BA (GB).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **GRACEY, Patrick, Benjamin** [GB/GB]; 5 Anson Villas, Paull, Hull HU12 8AJ (GB). **HAZEL, Nicholas, John** [GB/GB]; 31 Danesway, Beverley, East Yorkshire HU17 7JQ (GB).

(74) Agent: **HYMERS, Ronald, Robson**; BP International Limited, Patents & Agreements, Chertsey Road, Sunbury on Thames, Middlesex TW16 7LN (GB).

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(54) Title: PROCESS FOR THE PRODUCTION OF ACETIC ACID C4-ESTERS

(57) Abstract: Process for treating a mixed C₄ stream comprising iso-butene and 1,3-butadiene by (a) reacting the stream with acetic acid in an addition reactor, (b) withdrawing product comprising iso-butene, sec-butenyl acetate, n-butenyl acetate and t-butyl acetate, and recovering n-butenyl acetate from the product and separating and recycling t-butyl acetate to the addition reactor. The process provides increased efficiency of acetic acid utilisation together with useful products, e.g. n-butenyl and sec-butenyl acetates which can be separated and sold as such or converted to other products. The unreacted isobutene can be separated and used as such, or recycled and allowed to dimerise to di-isobutene, another useful product.



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