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(71) Applicant *(for all designated States except US)*: **TMO RENEWABLES LIMITED** [GB/GB]; 40 Turing Road, The Surrey Research Park, Guildford, Surrey GU2 7YF (GB).

(72) Inventors; and

(75) Inventors/Applicants *(for US only)*: **ATKINSON, Anthony** [GB/GB]; TMO Renewables Limited, 40 Turing Road, The Surrey Research Park, Guildford, Surrey GU2 7YF (GB). **CRIPPS, Roger** [GB/GB]; TMO Renewables Limited, 40 Turing Road, The Surrey Research Park, Guildford, Surrey GU2 7YF (GB). **RUDD, Brian** [GB/GB]; Novacta Biosystems Limited, BioPark Hertfordshire, Broadwater Road, Welwyn Garden City, Herts AL7 3AX (GB). **ELEY, Kirstin** [GB/GB]; TMO Renewables Limited, 40 Turing Road, The Surrey Research Park, Guildford, Surrey GU2 7YF (GB). **MARTIN, Steve** [GB/GB]; TMO Renewables Limited, 40 Turing Road, The Surrey Research Park, Guildford, Surrey GU2 7YF (GB). **MILNER, Paul** [GB/GB]; TMO Renewables Limited, 40 Turing Road, The Surrey Research Park, Guildford, Surrey GU2 7YF (GB). **MERCIER, Claire** [GB/GB]; TMO Renewables Limited, 40 Turing Road, The Surrey Research Park, Guildford, Surrey GU2 7YF (GB).

(74) Agent: **GILL JENNINGS & EVERY LLP**; Broadgate House, 7 Eldon Street, London EC2M 7LH (GB).

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(54) Title: THERMOPHILIC MICROORGANISMS FOR ETHANOL PRODUCTION

(57) Abstract: A thermophilic microorganism is modified to permit the increased production of ethanol, wherein a first modification is the inactivation of the lactate dehydrogenase gene and a second modification upregulates the pyruvate dehydrogenase gene.