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(54) Title: PROCESS FOR PRODUCING DIALKYL SUCCINATE

(57) Abstract: The present invention provides a process for producing dialkyl succinate, the process comprising hydrogenating dialkyl maleate in a multi-stage process comprising at least two hydrogenation stages wherein: in a first hydrogenation stage a feed stream comprising the dialkyl maleate is exposed to hydrogenating conditions over a catalyst at a temperature T_1 to produce a first stream comprising dialkyl succinate and unsaturated compound(s), and in a second hydrogenation stage the first stream is exposed to hydrogenating conditions at a temperature T_2 to produce a second stream comprising dialkyl succinate and a lower concentration of the unsaturated compound(s) than the first stream; wherein T_2 is less than T_1 .