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(54) Title: CATALYSTS FOR MALEIC ACID HYDROGENATION TO 1,4-BUTANEDIOL

(57) Abstract: This invention relates to a process for catalytically hydrogenating a hydrogenatable precursor in contact with a hydrogen-containing gas and a hydrogenation catalyst comprising one or more active hydrogenation catalyst components on a support comprising titanium dioxide in the rutile crystalline phase to produce 1,4-butanediol and, optionally, gamma-butyrolactone and/or tetrahydrofuran.



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