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(54) Title: A METHOD FOR THE START-UP OF AN EPOXIDATION PROCESS, A CATALYST AND A PROCESS FOR THE EPOXIDATION OF AN OLEFIN

(57) Abstract: A method for the start-up of a process for the epoxidation of an olefin, which method process comprises(a) pre-soaking a silver-based highly selective epoxidation catalyst with an organic halide, and (b) passing over the pre-soaked catalyst a feed which is free of organic halide or which comprises an organic halide at a concentration of at most $2´10^{-4}$ mole-%, calculated on the basis of the halogen content relative to the total feed, for a period of more than 16 hours up to 200 hours; a catalyst suitable for the epoxidation of an olefin, which catalyst is obtainable by the said method; anda process for the epoxidation of an olefin, which process comprises the said method and wherein subsequently the catalyst is contacted with a feed comprising the olefin, oxygen and an organic halide wherein the concentration of the organic halide is at least $0.2´10^{-4}$ mole-% higher than the concentration applied in step (b), calculated on the basis of the halogen content relative to the total feed.