

Process for continuously preparing polyisobutylene

Abstract

- 5 Continuous preparation of polyisobutylene having a content of terminal double bonds of more than 50% by polymerizing isobutene in the presence of a polymerization catalyst customary therefor, by combining a technical 1-butene-, 2-butene- and isobutene-
containing C₄ hydrocarbon stream together with a stream of pure isobutene and
feeding them into the reaction zone in such a way that the steady-state concentration
10 of the isobutene in the combined stream at the feed point of the combined stream into the reaction zone has an average value of at least 40% by weight, and a
polymerization plant therefor.