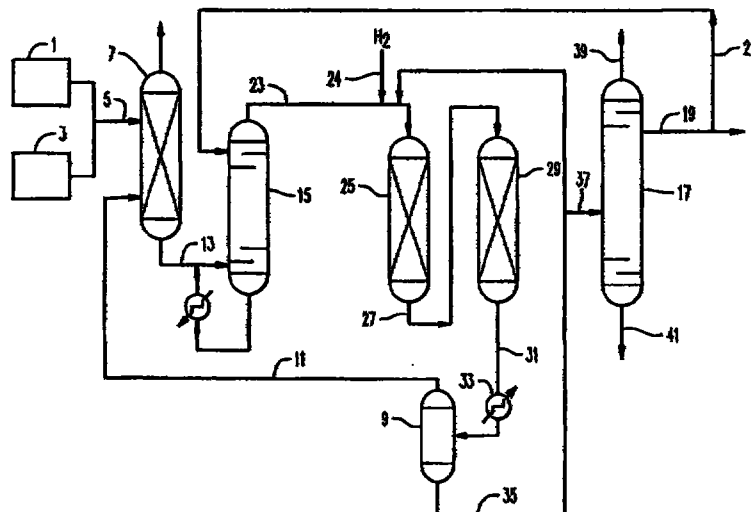




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(54) Title: **A METHOD FOR FORMING INTEGRAL SKIN FLEXIBLE FOAMS FROM HIGH PURITY CYCLOPENTANE AND BLEND THEREOF**



(57) Abstract

A process for the preparation of polyurethane containing molded articles having a compressed peripheral zone and a cellular core is provided. The novel integral skin flexible foams according to the present invention are formed using a very stable/homogeneous high purity cyclopentane or cyclopentane/iso- or n-pentane blend blowing agent component. The molded articles are produced by introducing into a mold a mixture which comprises: (a) an organic and/or modified organic polyisocyanate, (b) at least one higher molecular weight compound having at least two reactive hydrogen atoms, (c) optionally, a lower molecular weight chain extending agent and/or cross-linking agent, (d) a blowing agent comprising high purity cyclopentane, and (e) a catalyst capable of forming a molded article having a compressed peripheral zone and a cellular core, and allowing it to react.