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(54) Title: A METHOD OF PRODUCING A SILICONE RUBBER ITEM AND THE PRODUCT OBTAINABLE BY THE METHOD

(57) Abstract: The invention relates to a method of producing a silicone rubber item. The method comprises the steps of i) shaping the silicone rubber item using injection moulding and ii) subjecting the injection moulded item to a cold tempering, wherein the cold tempering includes feeding the injecting moulded item into a reactor, and subjecting the injection moulded item to an extraction treatment using carbon dioxide containing solvent at a pressure between 10 and 50 bars, wherein the item has an initial temperature below 60 °C in the extraction step, and in at least a part of the extraction time the item has a temperature below 25 °C and a pressure so that the carbon dioxide is in its liquid state. The reactor may preferably be rotated during the cold tempering. The method provides a highly efficient and fast method of tempering a silicone item under low temperature and pressure condition.



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