ABSTRACT

Continuous process for manufacturing an oxirane, comprising purification steps

Continuous process for manufacturing oxirane by reacting an olefin with a peroxide compound in the presence of a catalyst, a solvent and water in a plant comprising at least one reactor containing the catalyst and at least two distillation columns, according to which the solvent is recycled into the reactor without prior purification or removal of the water.

Figure 1.

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