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(54) Title: METHODS FOR PREPARING OLEFINS FROM POLYOLEFINS

(57) Abstract: The invention provides a method for preparing an olefin mixture, the method comprising the steps of (a) providing a polymeric material comprising a polyolefin and (b) contacting the polymeric material with a catalyst at a temperature of from 300°C to 800°C for a period of time of from 15 min to 1 hour, thereby obtaining the olefin mixture, wherein the catalyst comprises a metal oxide formed on a porous solid support.

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