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(54) Title: SORBENT COMPOSITION, PROCESS FOR PRODUCING SAME AND USE IN DESULFURIZATION

(57) Abstract: Particulate sorbent compositions comprising a mixture of zinc oxide, silica, alumina and a substantially reduced valence nickel are provided for the desulfurization of a feedstream of cracked-gasoline or diesel fuels in a desulfurization zone by a process which comprises the contacting of such feedstreams in a desulfurization zone followed by separation of the resulting low sulfur-containing stream and sulfurized-sorbent and thereafter regenerating and activating the separated sorbent before recycle of same to the desulfurization zone.