

ABSTRACT

METHOD

The present invention relates to a method for reducing the sulfur content in fossil fuels by using the microbial culture. More particularly, but not exclusively, the invention relates to a method for reducing the sulfur content in bunker oils by using the microbial culture. The method comprising the steps of (a) obtaining a seed oil sludge from a marine or industrial environment; (b) culturing the seed oil sludge under conditions suitable for enrichment of sulfur-biodegrading bacteria; and (c) assessing the culture for ability to reduce the sulfur content of bunker oil.