

ABSTRACT

The crude oil sludge treatment agent is mixed with crude oil sludge and water and used for treatment of the crude oil sludge under alkali conditions. The crude oil sludge treatment agent contains green rust. The crude oil sludge treatment agent may further contain either or both a metal and a metal ferrite. The metal and the metal of the metal ferrite are one or more selected from the group consisting of aluminum, yttrium, zinc, copper, tin, chromium and silicon. The crude oil sludge treatment agent may also contain one or more selected from the group consisting of aluminum ferrite, yttrium ferrite and zinc ferrite. The crude oil sludge treatment method includes a mixing step in which crude oil sludge, water and green rust are mixed under alkali conditions.

Figure 1