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(54) Title: SURFACE -TREATED CALCIUM CARBONATE AND ITS USE IN WATER PURIFICATION AND FOR THE
DEWATERING OF SLUDGES AND SEDIMENTS

(57) Abstract: The invention relates to a process for the purification of water and/or dewatering of sludges and/or sediments, to the
use of a surface-treated calcium carbonate for water purification and/or dewatering of sludges and/or sediments, as well as to the use
of a surface-treated calcium carbonate for reducing the amount of polymeric flocculation aids in water and/or sludges and/or sedi-
ments and to a composite material comprising a surface-treated calcium carbonate and impurities originated from different sources
obtainable by said process.



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