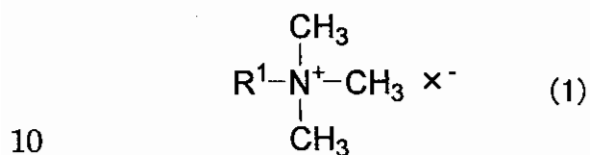


ABSTRACT

An aqueous cleaning composition for a substrate for a perpendicular magnetic recording hard disk including a Ni-P containing layer contains at least one surfactant
 5 selected from the group consisting of surfactants represented by Formulas (1) to (6) and has a pH at 25°C of 5 or less.

[Chemical Formula 1]



In Formula (1), R¹ is an alkyl group having a carbon number of 10 to 16, and X is a halogen atom.