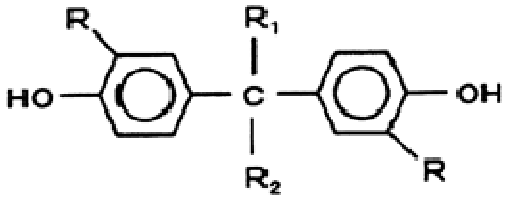
CLAIMS

1. An oil-based ink composition for a writing instrument, characterized by comprising a dye, an organic solvent, and a phenolic compound of the following general formula (1):

[Chem 1]



(1)

wherein,

R is each independently hydrogen or an alkyl group having 1 to 5 carbon atoms,

R_1 is any of an alkyl group having 1 to 5 carbon atoms, a halogenated alkyl group having 1 to 5 carbon atoms, a phenyl group, a hydroxyphenyl group, and an alkyl group having 1 to 5 carbon atoms substituted by a hydroxyphenyl group, and

R_2 is any of a halogenated alkyl group having 1 to 5 carbon atoms, a phenyl group, a hydroxyphenyl group, and an alkyl group having 1 to 5 carbon atoms substituted by a hydroxyphenyl group;

wherein the phenolic compound having electron donating substituents, R_1 and R_2, interacts with the dye in the ink composition to prevent dissolution of the dye in water, and

wherein the dye is a solvent dye.

2. The ink composition according to claim 1, wherein the content of the phenolic compound is 0.5 to 10% by mass based on the total mass of the ink composition.

3. The ink composition according to claim 1 or 2, wherein a vapor pressure of the organic solvent at 20°C is 10 to 50 mmHg.

4. The ink composition according to any one of claims 1 to 3, wherein a boiling point of the organic solvent is 160 to 250°C.

5. The ink composition according to any one of claims 1 to 4, further comprising a resin.

6. The ink composition according to claim 5, wherein the resin is a ketone resin

7. The ink composition according to any one of claims 1 to 6, further comprising a sucrose fatty acid ester.

8. A writing instrument, comprising the oil-based ink composition for a writing instrument according to any one of claims 1 to 7.

9. The writing instrument according to claim 8, selected from the group consisting of marking pens and ballpoint pens.