20

25

35

40

-continued

*
$$\leftarrow$$
CH₂-CH \rightarrow *

 \odot
SO₃

OH

10

16. A resin comprising:

at least one repeating unit (A) selected from repeating units represented by any one of the following general formulae (III) to (V);

a repeating unit (B) represented by the following general formula (I); and

a repeating unit (C) represented by the following general formula (VI):

$$* \xrightarrow{R_{04}} (III)$$

$$* \xrightarrow{C} CH_2 \xrightarrow{C} *$$

$$X_1$$

$$X_1$$

$$X_1$$

-continued

$$\begin{array}{c|c}
R_{08} & R_{09} \\
* - C & C \rightarrow * \\
O & N & O
\end{array}$$

$$\begin{array}{c|c}
X_3 & & & \\
A & & & & \\
A & & & & & \\
\end{array}$$

wherein

each of R_{04} , R_{05} and R_{07} to R_{09} independently represents a hydrogen atom, an alkyl group, a cycloalkyl group, a halogen atom, a cyano group or an alkoxycarbonyl group;

R₀₆ represents a cyano group, a carboxyl group, —CO—OR₂₅ or —CO—N(R₂₆)(R₂₇), and R₂₆ and R₂₇ may be bonded to each other to form a ring together with a nitrogen atom;

each of X_1 to X_3 independently represents a single bond, an arylene group, an alkylene group, a cycloalkylene group, -O, $-SO_2$, -CO, $-N(R_{33})$ — or a divalent linking group composed of a combination thereof:

 R_{25} represents an alkyl group, a cycloalkyl group, an alkenyl group, an aryl group or an aralkyl group;

each of R_{26} , R_{27} and R_{33} independently represents a hydrogen atom, an alkyl group, a cycloalkyl group, an alkenyl group, an aryl group or an aralkyl group; and

A represents an ionic structural site capable of decomposing upon irradiation with an actinic ray or radiation to generate an acid in a side chain of the resin,

wherein the repeating unit represented by the formula (III) is a repeating unit represented by the following general formula (III-1) or (III-4):

$$* \leftarrow \text{CH}_2 \xrightarrow{R_{01}} * \\ + \leftarrow \text{CH}_2 \xrightarrow{R_{01}} * \\ + \leftarrow \text{CH}_2 \xrightarrow{A_{1a}} * \\ + \leftarrow \text{CH}_2 \xrightarrow{A_1a} * \\ + \leftarrow \text{$$

wherein in formulas (III-1) and (III-4)

Ar_{1a} represents an arylene group,

 R_{01} represents a hydrogen atom, a methyl group, a chloromethyl group, a trifluoromethyl group or a cyano group,

 R_{02} represents an arylene group, an alkylene group, a cycloalkylene group, —O—, —SO₂—, —CO—, —N(R_{33})— or a divalent linking group composed of a combination thereof,