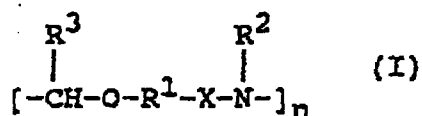


Abstract of the disclosure:

Acid-cleavable compounds, a positive-working radiation-sensitive mixture containing these, and radiation-sensitive recording material produced with this mixture

Compounds of the formula I



are proposed, in which

- R¹ is an alkylene, cycloalkylene, alkenylene, alkynylene or arylenebisalkyl group, in which one or more aliphatic CH₂ group(s) can have been replaced by oxygen or sulfur atoms,
R² is an alkyl, alkenyl, alkynyl, cycloalkyl, alkoxyalkyl, aryl, aralkyl or aryloxyalkyl radical,
R³ is an alkyl or aryl radical,
X is one of the groups -CO-, -OCO- or -NHCO- and
n is an integer greater than 1, especially from 3 to 50.

The compounds are cleavable by acid and, in combination with photolytic acid donors and alkali-soluble binders, are constituents of positive-working mixtures which are used especially in recording materials for UV radiation and high-energy radiation. The materials are distinguished by a high resolution in conjunction with high image contrast.

This Sheet Has Been Replaced

