

ABSTRACT

A polymer containing in the backbone a 9-oxo-9-phosphafluorene-2,7-diyl skeleton or a combination of the skeleton with a vinylene skeleton or arylene skeleton. The polymer is utilizable as, e.g., a component of a luminescent element or electrochromic element.

The polymer is obtained by subjecting a 2,7-dihalo-9-oxo-9-phosphafluorene to polycondensation with dehalogenation, or to reaction with arylenebisboronic acid and polycondensation, or to polycondensation with an olefin.



162162



G00002