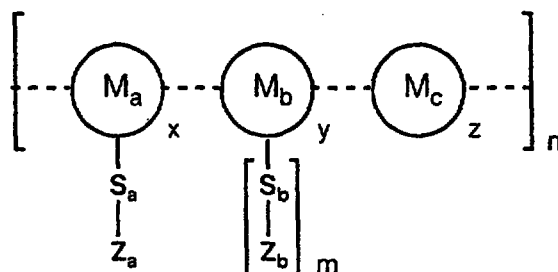


Abstract

The invention is concerned with novel linear and cyclic polymers or oligomers having a photoreactive ethen group for use as an orientating layer for liquid crystals of the general formula



wherein

M_a, M_b, M_c signify monomer units for homo- or copolymers;

x, y, z indicate mole fractions of the copolymers,
whereby in each case
 $0 < x \leq 1; 0 \leq y \leq 1$ and $0 \leq z < 1$;

S_a, S_b represent spacer units;

Z_a, Z_b represent molecule units which can undergo
photochemical isomerization/dimerization;

n is a magnitude of 4 - 100 000 and

m 0 or 1,

as well as their use as an orientating layer for liquid crystals.

This Sheet Has Been Replaced

