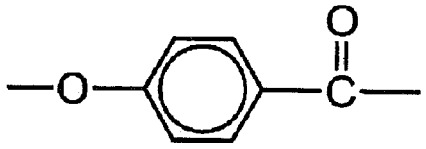
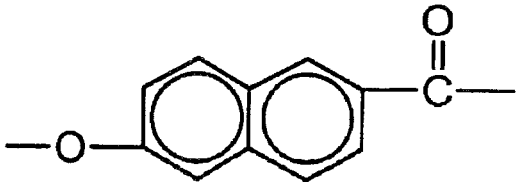
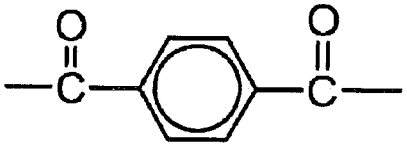
ABSTRACT

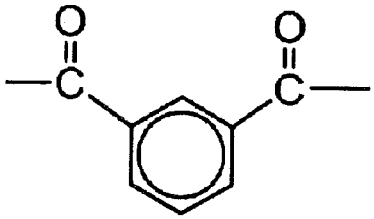
WHOLLY AROMATIC POLYESTER AMIDE AND METHOD FOR PRODUCING THE SAME

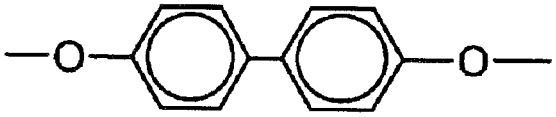
Provided are a wholly aromatic polyester amide sufficiently achieving a balance between melting point lowering and heat resistance, and a method for producing the same. The wholly aromatic polyester amide according to the present invention consists of the following constituent units (I) to (VI) as essential constitutional components; includes 50 to 70 mol% of the constituent unit (I), 0.5 mol% or higher and lower than 4.5 mol% of the constituent unit (II), 10.25 to 22.25 mol% of the constituent unit (III), 0.5 mol% or higher and lower than 4.5 mol% of the constituent unit (IV), 5.75 to 23.75 mol% of the constituent unit (V), 1 to 7 mol% of the constituent unit (VI), 1 mol% or higher and lower than 5 mol% of a total of the constituent unit (II) and the constituent unit (IV), and 100 mol% of a total of the constituent units (I) to (VI) with respect to all of the constituent units; a molar ratio of the constituent unit (VI) to a total of the constituent unit (V) and the constituent unit (VI) is 0.04 to 0.37; and exhibits optical anisotropy when melted.

(I) 

(II) 

(III) 

(IV) 

(V) 

(VI) 