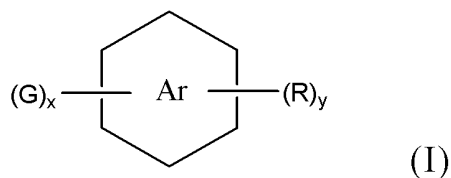


Abstract

The present invention provides a phenol derivative, a preparation process and use thereof. The phenol derivative of the present invention has a structure as represented by the formula (I):



- 5 The groups are defined in the description. The phenol derivative of the present invention can be used as the antioxidant in lubricating oil, lubricating grease, plastic, rubber, or can be used as the base oil of the lubricating oil and the lubricating grease and the antiwear additive of the lubricating oil and the lubricating grease. The phenol derivative of the present invention is excellent in antioxygenic property, lubricating property, antifriction property,
- 10 viscosity-temperature property and low temperature property.

Fig. 1