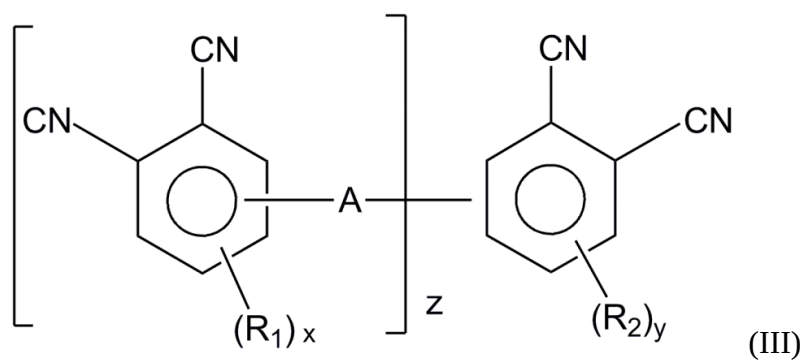
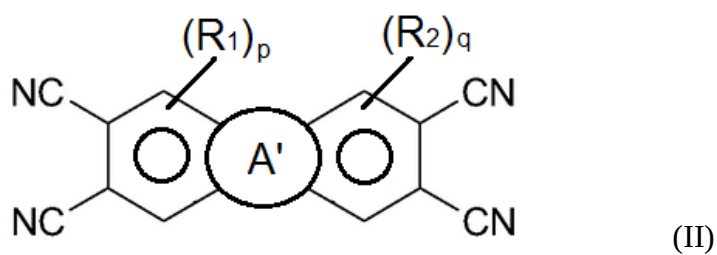
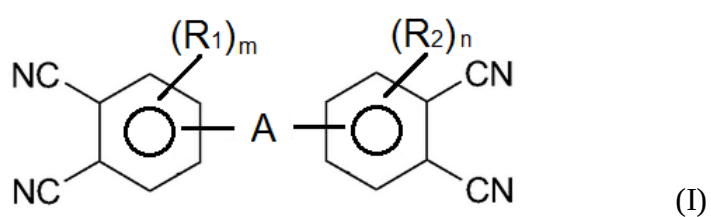


**METHODS OF PRODUCING FOAMS AND NANOCOMPOSITES OF
PHTHALONITRILE BASED RESINS, AND FOAMS AND NANOCOMPOSITES
PRODUCED THEREOF**

ABSTRACT

Methods of producing a polymeric foam comprising or consisting of a polymer formed from phthalonitrile monomers having general formula (I), (II), or (III),



are provided. Polymeric foams and nanocomposites of phthalonitrile based resins, and uses of the polymeric foams are also provided.

FIG. 2