

**PROCESS OF SYNTHESIS OF COMPOUNDS
HAVING NITRILE FUNCTIONS FROM
ETHYLENICALLY UNSATURATED COMPOUNDS**

ABSTRACT OF THE DISCLOSURE

The present invention relates to a process of hydrocyanation of ethylenically unsaturated organic compounds to compounds having at least one nitrile function, particularly the hydrocyanation of diolefins such as butadiene, or of substituted olefins such as alkene nitriles such as pentenenitriles; the subject hydrocyanation is carried out in the presence of a catalytic system comprising a metallic element and mono- and pluri-dentate organophosphorus ligands.