

Title (en)
SUBSTITUTED PHTHALOCYANINES AND THEIR PRECURSORS

Title (de)
SUBSTITUIERTE PHTHALOCYANINEN UND DEREN VORPRODUKTE

Title (fr)
PHTALOCYANINES SUBSTITUEES ET LEURS PRECURSEURS

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Abstract (en)
[origin: WO0142368A1] This invention relates to a process for the preparation of phthalonitrile sulfonate esters, a process for the preparation of substituted phthalonitriles using said phthalonitrile sulfonate esters, a process for the preparation of substituted phthalocyanines using said substituted phthalonitriles, a process for the preparation of phthalonitrile halides, a process for the preparation of substituted phthalocyanines using said phthalonitrile halides, novel phthalonitrile sulfonate esters, novel substituted phthalonitriles, novel substituted phthalocyanines and certain uses of said novel substituted phthalocyanines.

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