

Title (en)

METHOD FOR CATALYST-FREE PRODUCTION OF CYANOPHENOLS FROM METHOXYBENZONITRILES

Title (de)

VERFAHREN ZUR KATALYSATOR-FREIEN HERSTELLUNG VON CYANOPHENOLEN AUS METHOXYBENZONITRILEN

Title (fr)

PROCEDE DE PRODUCTION SANS CATALYSEUR DE CYANOPHENOLS A PARTIR DE METHOXYBENZONITRILES

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2004026812A2] According to the inventive method for catalyst-free production of cyanophenols from methoxybenzonitriles, substituted methoxybenzonitriles of general formula (I) are reacted with an alkali alcoholate at temperatures of 80 - 230 DEG C. The inventive method is based on simple, low-cost and easily accessible raw materials and can be carried out in technically simple conditions, enabling cyanophenols to be produced with high and partially quantitative yields with guaranteed low waste levels. Sodium methanolate is used as a preferred alkali alcoholate at preferred temperatures of 140 - 180 DEG C. The methoxybenzonitrile component can optionally be produced by ammonoxidation of a methoxytoluol of ammonia and (air-)oxygen and be directly further reacted.

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Citation (search report)

See references of WO 2004026812A2

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