

Title (en)

PROCESS FOR PREPARING PRACTICALLY PURE 1-AMINO-8-NITRO-4,5-DIHYDROXY ANTHRAQUINONE

Publication

EP 0000341 B1 19810225 (DE)

Application

EP 78100217 A 19780622

Priority

DE 2730720 A 19770707

Abstract (en)

[origin: US4154747A] A process for the preparation of 1-amino-8-nitro-4,5-dihydroxyanthraquinone by partially reducing the corresponding dinitrohydroxyanthraquinone and isolating the reduction product, in which crude 1,8-dinitro-4,5-dihydroxyanthraquinone obtained by nitrating 4,5-dihydroxyanthraquinone is partially reduced in a phenol-water mixture, which contains from 5 to 50% by weight of water, in the presence of an alkali metal phenolate, by means of a reductone, reductonate or a mixture of these. The product is virtually free from by-products and is suitable for use for the synthesis of dyes.

IPC 1-7

C07C 97/26; **C07C 79/37**

IPC 8 full level

C07C 225/36 (2006.01)

CPC (source: EP US)

C07C 221/00 (2013.01 - EP US); **C07C 2603/24** (2017.04 - EP US)

Cited by

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DOCDB simple family (publication)

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