

Title (en)

PROCESS AND INTERMEDIATES FOR PREPARING A CYCLOHEXYLNITRILE

Title (de)

VERFAHREN UND ZWISCHENPRODUKTE ZUR HERSTELLUNG EINE CYCLOHEXYLNITRILS

Title (fr)

PROCEDE ET INTERMEDIAIRES DE PREPARATION D'UN CYCLOHEXYLNITRILE

Publication

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Application

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Priority

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Abstract (en)

[origin: WO0151455A1] Cyanohydrin homologation of the 4-cyanocyclohexanone (D) provides a 4-cyanocyclohexanoic acid (I).

IPC 1-7

C07C 253/28

IPC 8 full level

C07B 61/00 (2006.01); **C07C 51/36** (2006.01); **C07C 61/09** (2006.01); **C07C 253/30** (2006.01); **C07C 255/46** (2006.01)

CPC (source: EP KR)

C07C 253/28 (2013.01 - KR); **C07C 253/30** (2013.01 - EP); **C07C 2601/14** (2017.05 - EP)

C-Set (source: EP)

C07C 253/30 + C07C 255/46

Citation (search report)

- [DA] WO 9319749 A1 19931014 - SMITHKLINE BEECHAM CORP [US], et al
- [A] GODAR E.M. ET AL.: "Synthesis of some substituted pyridines", JOURNAL OF ORGANIC CHEMISTRY., vol. 25, no. 4, 1960, US AMERICAN CHEMICAL SOCIETY. EASTON., pages 557 - 559, XP002340450
- [A] PANDE P P ET AL: "CATALYTIC TRANSFER HYDROGENATION FO UNSATURATED KETONES AND IMIDES VIA AMMONIUM FORMATE", SYNTHETIC COMMUNICATIONS, MARCEL DEKKER, INC., BASEL, CH, vol. 28, no. 22, 1998, pages 4193 - 4200, XP001027708, ISSN: 0039-7911
- [A] RAO, H. SURYA PRAKASH ET AL: "Palladium assisted transfer hydrogenation of cyclic .alpha.,.beta.-unsaturated ketones by ammonium formate", TETRAHEDRON LETTERS , 35(1), 171-4 CODEN: TELEAY; ISSN: 0040-4039, 1994, XP002340451
- See also references of WO 0151455A1

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