Title (en)

CARBONYLATION PROCESS.

Title (de)

KARBONYLIERUNGSVERFAHREN.

Title (fr)

PROCEDE DE CARBONYLATION.

Publication

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Application

EP 86901706 A 19860225

Priority

- US 70788585 A 19850304
- US 74495185 A 19850617
- US 80638985 A 19851209
- US 82085086 A 19860124

Abstract (en)

[origin: WO8605179A1] Process for carbonylating a nitrogen-containing organic compound, selected from the group consisting of nitro, nitroso, azo, and azoxy compounds, by reacting said nitrogen-containing organic compound, with carbon monoxide, wherein the improvement comprises the step of : (a) reacting said nitrogen-containing compound with carbon monoxide, in the presence of a primary amine and a catalyst, essentially free of redox active metal components selected from the group consisting of rhodium and ruthenium.

IPC 1-7

C07C 125/065; C07C 125/073; C07C 125/077; C07C 127/15; C07C 127/19

IPC 8 full level

C07C 269/00 (2006.01); **C07C 269/04** (2006.01); **C07C 271/06** (2006.01); **C07C 271/28** (2006.01); **C07C 273/18** (2006.01); **C07C 275/28** (2006.01)

IPC 8 main group level

C07C (2006.01)

CPC (source: EP KR)

C07C 269/00 (2013.01 - EP); **C07C 269/04** (2013.01 - EP KR); **C07C 273/1836** (2013.01 - EP)

Citation (search report)

- [X] CHEMICAL ABSTRACTS, vol. 78, no. 7, 19th February 1973, page 455, abstract no. 43087m, Columbus, Ohio, US; & JP-A-72 34 341 (SUMITOMO CHEMICAL CO., LTD) 21-11-1972
- [X] JOURNAL OF THE CHEMICAL SOCIETY, CHEMICAL COMMUNICATIONS, no. 19, 1984, pages 1286-1287, London, GB; S. CENINI et al.: "Selective ruthenium carbonyl catalysed reductive carbonylation of aromatic nitro compounds to carbamates"
- See references of WO 8605179A1

Designated contracting state (EPC)

AT BE CH DE FR GB IT LI LU NL SE

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