

Title (en)

PROCESS FOR MANUFACTURING CARBAMIC-ACID ESTERS

Publication

EP 0212512 B1 19881117 (DE)

Application

EP 86111022 A 19860809

Priority

DE 3529531 A 19850817

Abstract (en)

[origin: US4661217A] Carbamic acid esters (I) $R_1NHCOOR_2$ (I) wherein R_1 is H, alkyl, cycloalkyl or alkylaryl and R_2 is alkyl, are prepared by electro-oxidation of a formamide (II) R_1NHCHO (II) in the presence of an alcohol R_2OH and of an ionic halide.

IPC 1-7

C25B 3/02

IPC 8 full level

C25B 3/29 (2021.01); **C07C 271/10** (2006.01); **C25B 3/23** (2021.01)

CPC (source: EP US)

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DOCDB simple family (publication)

EP 0212512 A1 19870304; EP 0212512 B1 19881117; AU 587849 B2 19890831; AU 6150786 A 19870219; CA 1275066 A 19901009; CN 1013887 B 19910911; CN 86105208 A 19870218; DE 3529531 A1 19870226; DE 3661202 D1 19881222; DK 388786 A 19870218; DK 388786 D0 19860815; FI 863246 A0 19860808; FI 863246 A 19870218; FI 86715 B 19920630; FI 86715 C 19921012; HU 199109 B 19900129; HU T43032 A 19870928; IL 79645 A0 19861130; IL 79645 A 19900712; JP H076075 B2 19950125; JP S6240389 A 19870221; NO 163965 B 19900507; NO 163965 C 19900815; NO 863297 D0 19860815; NO 863297 L 19870218; US 4661217 A 19870428; ZA 866150 B 19870429

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