Title (en)

CONTINUOUS METHOD FOR PRODUCING AMIDES OF AROMATIC CARBOXYLIC ACIDS

Title (de)

KONTINUIERLICHES VERFAHREN ZUR HERSTELLUNG VON AMIDEN AROMATISCHER CARBONSÄUREN

Title (fr)

PROCÉDÉ DE PRODUCTION CONTINUE D'AMIDES D'ACIDES CARBOXYLIQUES AROMATIQUES

Publication

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Application

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Abstract (en)

[origin: WO2011000459A1] The invention relates to a continuous method for producing amides of aromatic carboxylic acids by reacting at least one carbonic acid ester of formula (I) R3-COOR4, wherein R3 represents an optionally substituted aromatic hydrocarbon group with 5 to 100 carbon atoms and R4 represents a hydrocarbon group with 1 to 30 carbon atoms, with at least one amine of formula (II) HNR1R2, wherein R1 and R2 independently represent hydrogen or a hydrocarbon group with 1 to 100 C atoms, in a reaction tube the longitudinal axis of which extends in the direction of propagation of the microwaves of a monomode microwave applicator, under microwave irradiation to form carboxamide.

IPC 8 full level

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