

Title (en)
PURIFICATION OF TRAMADOL

Title (de)
REINIGUNG VON TRAMADOL

Title (fr)
PURIFICATION DU TRAMADOL

Publication
EP 1047662 A1 20001102 (EN)

Application
EP 99901000 A 19990114

Priority
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• GB 9800656 A 19980114

Abstract (en)
[origin: WO9936390A1] A process for the preparation of Tramadol according to a Grignard reaction of 2(dimethylaminomethyl)cyclo-hexanone with the reagent 3-methoxyphenylMgX, where X is a halogen, to obtain the crude base which is then introduced to a solvent, comprises contacting the crude base with hydrobromic or hydriodic acid to form a salt thereof, and subjecting the salt to a re-crystallisation step to obtain the product Tramadol hydrobromide or Tramadol hydriodide respectively, from which purified Tramadol base is obtainable for optional conversion to a pharmaceutically preferred form e.g. Tramadol hydrochloride.

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C07C 213/10 (2006.01); **C07C 215/42** (2006.01)

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WO 9936390 A1 19990722; AU 2063799 A 19990802; AU 744938 B2 20020307; CA 2316991 A1 19990722; EP 1047662 A1 20001102; GB 9800656 D0 19980311; HU P0100356 A2 20020529; HU P0100356 A3 20020828; IL 136957 A0 20010614; KR 20010034010 A 20010425; NZ 505129 A 20011130; PL 341712 A1 20010423; SK 10352000 A3 20010212; TR 200002022 T2 20001121

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