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c/o Janssen Pharmaceutica N.V., Turnhoutseweg 30,
B-2340 Beerse (BE).

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(74) Common Representative: **JANSSEN PHARMACEU-
TICA N.V.**; Turnhoutseweg 30, B-2340 Beerse (BE).

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(71) Applicant (for all designated States except US):
JANSSEN PHARMACEUTICA N.V. [BE/BE]; Turn-
houtseweg 30, B-2340 Beerse (BE).

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(72) Inventors; and

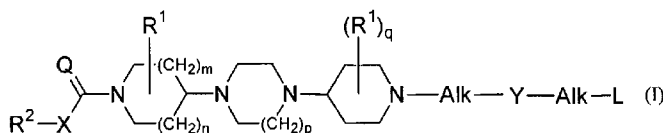
(75) Inventors/Applicants (for US only): **JANSSENS, Frans,**
Eduard [BE/BE]; c/o Janssen Pharmaceutica N.V., Turn-
houtseweg 30, B-2460 Beerse (BE). **SOMMEN, François,**
Maria [BE/BE]; c/o Janssen Pharmaceutica N.V., Turn-
houtseweg 30, B-2340 Beerse (BE). **DE BOECK, Benoît,**
Christian, Albert, Ghislain [BE/BE]; c/o Janssen Phar-
maceutica N.V., Turnhoutseweg 30, B-2340 Beerse (BE).
LEENAERTS, Joseph, Elisabeth [BE/BE]; c/o Janssen
Pharmaceutica N.V., Turnhoutseweg 30, B-2340 Beerse
(BE). **VAN ROOSBROECK, Yves, Emiel, Maria**
[BE/BE]; c/o Janssen Pharmaceutica N.V., Turnhoutseweg
30, B-2340 Beerse (BE). **MEERT, Theo, Frans** [BE/BE];

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(54) Title: NOVEL FORMULATIONS FOR OPIOID-BASED TREATMENTS OF PAIN COMPRISING SUBSTITUTED 1,4-DI-PIPERIDIN-4-YL-PIPERAZINE DERIVATIVES



(57) Abstract: This invention concerns novel formulations for opioid-based treatments of pain and/or nociception comprising opioid analgesics and 1,4-di-piperidin-4-yl-piperazine derivatives having neurokinin antagonistic activity, in particular NK₁ antagonistic activity, the use of said formulation for the manufacture of a medicament for the prevention and/or treatment of emesis, pain and/or nociception, in particular in opioidbased acute and chronic pain treatments, more in particular in inflammatory, postoperative, emergency room (ER), breakthrough, neuropathic and cancer pain treatments and the use of an NK₁-receptor antagonist for the manufacture of a medicament for the prevention and/or treatment of respiratory depression in opioid-based treatments of pain. The pharmaceutical formulations according to the invention comprise a pharmaceutically acceptable carrier and, as active ingredients, a therapeutically effective amount of an opioid analgesic and NK₁-antagonists according to the general Formula (I) the pharmaceutically acceptable acid or base addition salts thereof, the stereochemically isomeric forms thereof, the N-oxide form thereof and prodrugs thereof, wherein all substituents are defined as in Claim 1. The pharmaceutical composition according to the invention reduces to a large extent a number of unwanted sideeffects associated with opioid analgesics, in particular emesis, respiratory depression and tolerance, thereby increasing the total tolerability of said opioids in pain treatment.

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