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(71) Applicant *(for all designated States except US)*: **ELI LILLY AND COMPANY** [US/US]; Lilly Corporate Center, Indianapolis, IN 46285 (US).

(72) Inventors; and

(75) Inventors/Applicants *(for US only)*: **BLANCO-PILLADO, Maria-Jesus** [ES/US]; 7278 North Hawthorne Lane, Indianapolis, IN 46250 (US). **COHEN, Michael, Philip** [US/US]; 8141 Bowline Court, Indianapolis, IN 46236 (US). **FILLA, Sandra, Ann** [US/US]; 1542 Arborwoods Drive, Brownsburg, IN 46112 (US). **HUDZIAK, Kevin, John** [US/US]; 5944 Magnificent Lane, Indianapolis, IN 46234 (US). **KOHLMAN, Daniel, Timothy** [US/US]; 6281 East Old Otto Court, Camby, IN 46113 (US). **BENESH, Dana, Rae** [US/US]; 13287 Beckwith Drive, Westfield, IN 46074 (US). **VICTOR, Frantz** [US/US]; 4855 North Tuxedo Street, Indianapolis, IN 46205 (US). **XU, Yao-Chang** [US/US]; 10815 Timber Springs Drive East, Fishers, IN 46038 (US). **YING, Bai-Ping** [US/US]; 7717 Hidden Ridge, Fishers, IN 46038 (US). **ZACHERL, DeAnna, Piatt** [US/US]; 8555 Providence Drive, Noblesville, IN 46060 (US). **ZHANG, Deyi** [US/US]; 1372 Kirklees Drive, Carmel, IN 46032 (US).

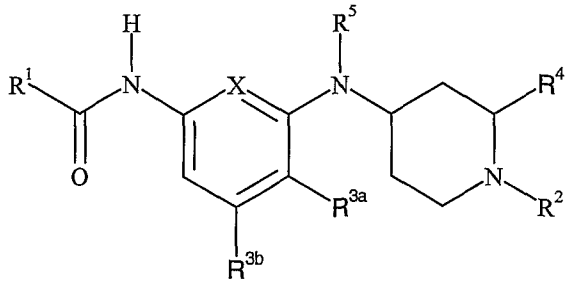
(74) Agent: **TUCKER, R., Craig**; ELI LILLY AND COMPANY, P. O. Box 6288, Indianapolis, IN 46206-6288 (US).

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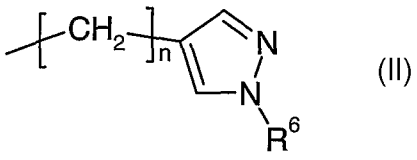
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[Continued on next page]

(54) Title: SUBSTITUTED 2-CARBONYLAMINO-6-PIPERIDINAMINOPYRIDINES AND SUBSTITUTED 1-CARBONYLAMINO-3-PIPERIDINAMINOBENZENES AS 5-HT1F AGONISTS



(I)



(II)

(57) Abstract: ABSTRACT The present invention relates to compounds of formula I: (I) or a pharmaceutically acceptable acid addition salt thereof, where; X is C(R^{3c}= or N=; R^1 is C_2-C_6 alkyl, substituted C_2-C_6 alkyl, C_3-C_7 cycloalkyl, substituted C_3-C_7 cycloalkyl, phenyl, substituted phenyl, heterocycle, or substituted heterocycle; R^2 is hydrogen, C_1-C_3 *n*-alkyl, C_3-C_6 cycloalkyl-C_1-C_3 alkyl, or a group of formula II (II) provided that when R^1 is C_2-C_6 alkyl or substituted C_2-C_6 alkyl, R^2 is hydrogen or methyl; R^{3a}, R_{3b}, and, when X is C(R^{3c})=, R^{3c}, are each independently hydrogen, fluoro, or methyl, provided that no more than one of R^{3a}, R^{3b}, and R^{3c} may be other than hydrogen; R^4 is hydrogen or C_1-C_3 alkyl; R^5 is hydrogen, C_1-C_3 alkyl, or C_3-C_6 cycloalkylcarbonyl, provided that when R^{3a} is other than hydrogen, R^5 is hydrogen; R^6 is hydrogen or C_1-C_6 alkyl; and n is an integer from 1 to 6 inclusively. The compounds of the present invention are useful for activating 5-HT_{1F} receptors, inhibiting neuronal protein extravasation, and for the treatment or prevention of migraine in a mammal.

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SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Declarations under Rule 4.17:

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