

Title (en)  
ENHANCED BRAIN FUNCTION BY GABA-ERGIC STIMULATION

Title (de)  
GABA-ERGE STIMULATION ZUR ERHÖHUNG DER GEHIRNFUNKTION

Title (fr)  
FONCTION CEREBRALE AMELIOREE PAR STIMULATION GABA-ERGIQUE

Publication  
**EP 1303280 A4 20050921 (EN)**

Application  
**EP 01946582 A 20010620**

Priority

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- US 27742701 P 20010320

Abstract (en)  
[origin: WO0200221A1] Methods are disclosed for improving age-related decreases in cortical function by increasing the activity of inhibitory pathways, such as GABA-ergic pathways, in the central nervous system. In particular examples, subjects with age-related decreases in cortical function are treated by administering therapeutically effective amounts of a GABA-ergic agonist. The disclosed methods also enable screening for drugs that inhibit an age-related decline in cortical function, for example by exposing a subject to a test agent, and measuring an increase in GABA-ergic cortical inhibitory activity.

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**A61K 31/415** (2013.01); **A61K 31/42** (2013.01); **A61K 31/52** (2013.01); **A61K 31/53** (2013.01)

Citation (search report)

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- [X] WO 0027382 A2 20000518 - MERCK & CO INC [US], et al
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- [X] WO 0029412 A1 20000525 - MERCK SHARP & DOHME [GB], et al
- [X] WO 0027849 A2 20000518 - MERCK & CO INC [US], et al
- [DA] SCHMOLESKY ET AL: "Degradation of stimulus selectivity of visual cortical cells in senescent rhesus monkeys.", NATURE NEUROSCIENCE, vol. 3, no. 4, 2000 - 2000, pages 384 - 390, XP002335609
- See references of WO 0200221A1

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