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Lukashev et al.(10) **Patent No.:** **US 8,399,514 B2**
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U.S.C. 154(b) by 0 days.(21) Appl. No.: **13/372,426**(22) Filed: **Feb. 13, 2012**(65) **Prior Publication Data**

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8, 2007.(51) **Int. Cl.**
A61K 31/22 (2006.01)(52) **U.S. Cl.** **514/549**(58) **Field of Classification Search** None
See application file for complete search history.(56) **References Cited****U.S. PATENT DOCUMENTS**

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& Fox P.L.L.C.(57) **ABSTRACT**

Provided are certain methods of screening, identifying, and
evaluating neuroprotective compounds useful for treatment
of neurological diseases, such as, e.g., multiple sclerosis
(MS). The compounds described upregulate the cellular cyto-
protective pathway regulated by Nrf2. Also provided are cer-
tain methods of utilizing such compounds in therapy for
neurological disease, particularly, for slowing or reducing
demyelination, axonal loss, or neuronal and oligodendrocyte
death.

20 Claims, 4 Drawing Sheets