US 20140031336A1

(19) United States

(12) Patent Application Publication

Amans et al.

(10) Pub. No.: US 2014/0031336 A1

(43) Pub. Date: Jan. 30, 2014

(54) **TETRAHYDROQUINOLINE DERIVATIVES USEFUL AS BROMODOMAIN INHIBITORS**

(75) Inventors: **Dominique Amans**, Stevenage (GB); **Emmanuel Hubert Demont**, Stevenage (GB); **Darren Jason Mitchell**, Stevenage (GB); **Jonathan Thomas Seal**, Stevenage (GB)

(73) Assignee: **Glaxosmithkline LLC**, Philadelphia, PA (US)

(21) Appl. No.: **14/111,625**

(22) PCT Filed: **Apr. 19, 2012**

(86) PCT No.: **PCT/EP12/57113**

§ 371 (c)(1), (2), (4) Date: **Oct. 14, 2013**

(30) **Foreign Application Priority Data**

Apr. 21, 2011 (GB) 1106750.1

Publication Classification

(51) **Int. Cl.**

C07D 215/42 (2006.01)
C07D 401/14 (2006.01)
C07D 401/12 (2006.01)

(52) **U.S. Cl.**

CPC ***C07D 215/42*** (2013.01); ***C07D 401/12*** (2013.01); ***C07D 401/14*** (2013.01)

USPC **514/210.18**; 546/162; 514/313; 544/331; 514/275; 514/255.05; 544/405; 544/363; 514/253.06; 514/235.2; 544/128; 544/120

(57) **ABSTRACT**

Tetrahydroquinoline compounds, pharmaceutical compositions containing such compounds and their use in therapy.