

Title (en)

METHOD AND KIT FOR DETECTION OF MBCR/ABL GENE FUSION AND C-KIT (CD117)

Title (de)

VERFAHREN UND KIT FÜR DEN NACHWEIS VON MBCR-/ABL-GENFUSION UND C-KIT (CD117)

Title (fr)

PROCEDE ET KIT POUR LA DETECTION DE FUSION DE GENES MBCR/ABL ET DE C-KIT (CD117)

Publication

**EP 2126118 A4 20100901 (EN)**

Application

**EP 08713271 A 20080124**

Priority

- US 2008000958 W 20080124
- US 89716107 P 20070124

Abstract (en)

[origin: WO2008091679A2] Methods and kits for the identification of the major bcr/abl gene fusion and c-kit (CDI 17) expression in patients having or suspected of having a proliferative disorder characterized by the presence of the Mbcrl/abl gene fusion and c-kit (CDI 17) expression are disclosed. The method simultaneously detects the presence of Mbcrl/abl gene fusion and c-kit (CDI 17) in a biological sample using nucleic acid probes that hybridize to the BCR and ABLI genes, and detects c-kit(CDI 17) positivity. The method and kit can be used to predict the therapeutic efficacy of agents are inhibitors of tyrosine kinase, the BCR/ABL fusion protein c-kit (CDI 17).

IPC 8 full level

**C12Q 1/68** (2006.01); **C07H 21/04** (2006.01)

CPC (source: EP)

**C12Q 1/6886** (2013.01); **C12Q 2600/106** (2013.01); **C12Q 2600/156** (2013.01)

Citation (search report)

- [I] WO 02093130 A2 20021121 - CANCER GENETICS INC [US], et al
- [I] KATO I ET AL: "Composition for suppressing human Flt-3 function", EMBL., 21 April 2005 (2005-04-21), XP007914039
- [I] KATO I ET AL: "Composition for suppressing human Flt-3 function", EMBL., 21 April 2005 (2005-04-21), XP007914038
- See references of WO 2008091679A2

Designated contracting state (EPC)

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