

Title (en)
POLYMORPHISM DETECTION AND SEPARATION

Title (de)
NACHWEIS UND TRENNUNG VON POLYMORPHISMEN

Title (fr)
DETECTION ET SEPARATION DE POLYMORPHISMES

Publication
EP 1446502 A4 20050209 (EN)

Application
EP 02776053 A 20020927

Priority

- US 0231073 W 20020927
- US 32582801 P 20010928
- US 0209691 W 20020327

Abstract (en)
[origin: WO03027640A2] Methods and compositions for polymorphism detection and separation. The methods are readily multiplexed, can be adapted to a variety of existing detection systems, and permit target amplification without PCR. The methods permit allelic variants selectively to be isolated, with or without contemporaneous detection, and finds particular utility in facilitating the construction of coisogenic cell collections in which the cells differ genotypically by single nucleotide changes targeted to defined loci.

IPC 1-7
C12Q 1/68; **C12P 19/34**; **G01N 33/566**; **C07K 1/00**; **C12N 1/00**; **C07H 21/04**; **C07H 21/00**

IPC 8 full level
C12Q 1/68 (2006.01)

CPC (source: EP)
C12Q 1/6813 (2013.01); **C12Q 1/6816** (2013.01)

C-Set (source: EP)

1. **C12Q 1/6813** + **C12Q 2525/113** + **C12Q 2521/507**
2. **C12Q 1/6816** + **C12Q 2525/113** + **C12Q 2521/507**

Citation (search report)

- [X] WO 9305178 A1 19930318 - DAIKIN IND LTD [JP]
- [X] WO 9808975 A1 19980305 - DAIKIN IND LTD [JP], et al
- [X] US 5929043 A 19990727 - DAYN ANDREY [US]
- [XPD] WO 0210457 A2 20020207 - PANGENE CORPORATION [US], et al
- [E] WO 02079495 A2 20021010 - UNIV DELAWARE [US], et al
- [E] WO 02077286 A1 20021003 - GENE CHECK INC [US], et al
- See references of WO 03027640A2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LU MC NL PT SE SK TR

DOCDB simple family (publication)
WO 03027640 A2 20030403; **WO 03027640 A3 20030731**; AU 2002341898 A2 20030407; EP 1446502 A2 20040818; EP 1446502 A4 20050209

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US 0231073 W 20020927; AU 2002341898 A 20020927; EP 02776053 A 20020927