

Title (en)  
HIGHLY EFFICIENT PRODUCTION OF BLOOD GLUCOSE TEST STRIPS

Title (de)  
HOCHEFFIZIENTE HERSTELLUNG VON BLUTGLUCOSE-TESTSTREIFEN

Title (fr)  
FABRICATION À HAUT RENDEMENT DE BANDELETTES DE TEST DU GLUCOSE SANGUIN

Publication  
**EP 2959008 A1 20151230 (DE)**

Application  
**EP 14705543 A 20140221**

Priority  
• EP 13156363 A 20130222  
• EP 2014053468 W 20140221  
• EP 14705543 A 20140221

Abstract (en)  
[origin: EP2770064A1] Producing diagnostic elements, comprises providing a batch of a chemical detection reagent comprising a coenzyme-dependent enzyme, and an artificial coenzyme; coating a first carrier with a first portion of the batch of the chemical detection reagent; separating the coated first carrier to several first diagnostic elements; producing a batch encoding; coating a second carrier with a second portion of the batch of the chemical detection reagent; separating the coated second carrier to several second diagnostic elements; and optionally verifying and packaging the second diagnostic elements. Producing diagnostic elements, comprises (a) providing a batch of a chemical detection reagent comprising a coenzyme-dependent enzyme, and an artificial coenzyme, (b) coating a first carrier with a first portion of the batch of the chemical detection reagent, (c) separating the coated first carrier to several first diagnostic elements, (d) producing a batch encoding for the batch of the chemical detection reagent using at least one of the first diagnostic elements, (e) coating a second carrier with a second portion of the batch of the chemical detection reagent, (f) separating the coated second carrier to several second diagnostic elements, and (g) optionally verifying and packaging the second diagnostic elements. The second diagnostic elements, before the separation of the coated second carrier, is provided with the batch encoding produced in the step (d). An independent claim is also included for a diagnostic product comprising (A) at least one diagnostic element which comprises (i) a carrier, (ii) a chemical detection reagent comprising a coenzyme-dependent enzyme, and an artificial coenzyme, which is applied on the carrier in form of a layer and (iii) a batch encoding, and (b) optionally at least one needle element for scribing skin.

IPC 8 full level  
**C12Q 1/54** (2006.01); **G01N 33/535** (2006.01)

CPC (source: EP US)  
**C12Q 1/32** (2013.01 - US); **C12Q 1/54** (2013.01 - EP US); **G01N 33/535** (2013.01 - EP US); **G01N 2333/904** (2013.01 - US)

Citation (search report)  
See references of WO 2014128271A1

Citation (examination)  
• WO 2012140027 A1 20121018 - ROCHE DIAGNOSTICS GMBH [DE], et al  
• EP 1288653 A1 20030305 - ROCHE DIAGNOSTICS GMBH [DE], et al  
• US 2007110615 A1 20070517 - NEEL GARY T [US], et al  
• DE 102004048864 A1 20060413 - ROCHE DIAGNOSTICS GMBH [DE]  
• US 3539450 A 19701110 - DEUTSCH ALFRED  
• EP 2292751 A1 20110309 - ROCHE DIAGNOSTICS GMBH [DE], et al

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
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**EP 2770064 A1 20140827**; EP 2959008 A1 20151230; US 2016010141 A1 20160114; WO 2014128271 A1 20140828

DOCDB simple family (application)  
**EP 13156363 A 20130222**; EP 14705543 A 20140221; EP 2014053468 W 20140221; US 201514831388 A 20150820