

Title (en)

HEMOGLOBIN MEASUREMENT DEVICE

Title (de)

VORRICHTUNG ZUR MESSUNG DES HÄMOGLOBINS

Title (fr)

DISPOSITIF DE MESURE DE L'HEMOGLOBINE

Publication

**EP 1012572 A4 20000809 (EN)**

Application

**EP 97948369 A 19971120**

Priority

- US 9721106 W 19971120
- US 3141096 P 19961120

Abstract (en)

[origin: WO9822777A1] The invention relates to a diagnostic medical device and in particular to a hemoglobin measurement device for measuring hemoglobin content in a blood sample. A hemoglobin sample is prepared from a blood sample by mixing a portion of the blood sample with a diluent and lyse appropriate to release hemoglobin from red blood cells in the blood sample. The sample is then provided to a hemoglobin measurement device (10) where a hemoglobin measurement is made. The device has a chamber (110) with a light source (116) and light detector (118) located at opposite ends and operable at wavelengths that are absorbed or reflected by the hemoglobin. The chamber also includes hemoglobin sample inlet (112) and outlet (114) ports which extend through the body into the measurement chamber.

IPC 1-7

**G01N 21/31; G01N 21/05; G01N 33/49**

IPC 8 full level

**A61B 5/145** (2006.01); **G01N 21/05** (2006.01); **G01N 21/15** (2006.01)

CPC (source: EP)

**G01N 21/05** (2013.01)

Citation (search report)

- [X] EP 0467804 A1 19920122 - HOSPAL AG [CH]
- [X] US 3994585 A 19761130 - FREY RAYMOND
- [Y] US 5048325 A 19910917 - VON ALFTHAN GEORG C [FI], et al
- [A] US 5073345 A 19911217 - SCOTT RAYMOND P W [US], et al
- See references of WO 9822777A1

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

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