

Title (en)
Immunological reagent consisting of special latex particles based on a vinylpolymer covered with an immunologically active material; process for its preparation; use of this reagent; analysing process using this reagent and test-kit containing this reagent.

Title (de)
Immunologisches Reagenz in Form spezieller, mit einem immunologisch aktiven Material beschichteter Latexteilchen auf Vinylpolymerisatbasis, Verfahren zu dessen Herstellung, Verwendung dieses Reagenzes, Bestimmungsverfahren unter Verwendung dieses Reagenzes und Reagenziengarnitur enthaltend dieses Reagenz.

Title (fr)
Réactif immunologique sous forme de particules spéciales de latex à base de polymère de vinyle, revêtues d'un matériau immunologiquement actif. Procédé pour sa fabrication. Utilisation de ce réactif. Procédé d'analyse utilisant ce réactif et trousse à réactifs le contenant.

Publication
EP 0000772 A1 19790221 (DE)

Application
EP 78100581 A 19780802

Priority
CH 954277 A 19770803

Abstract (en)
[origin: US4226747A] A reagent for an immunological determination comprising water insoluble latex particles being formed from vinyl polymerizates and having free terminal functional groups of the formula: <IMAGE> through which are bound an immunologically active material including materials for preparing this reagent and for utilizing this reagent for diagnostic purposes. The latex particles contain a core and an outer layer, said core being formed by polymerization of vinyl, or diene monomers or mixtures thereof with said polymerizates in said core carrying a functional group selected from group consisting of carboxyl, sulfonate or mixtures thereof and said outer layer being formed from vinyl polymerizates carrying said terminal functional group.

IPC 1-7
G01N 33/16; C08F 8/00

IPC 8 full level
C08F 2/00 (2006.01); **C08F 2/38** (2006.01); **G01N 33/543** (2006.01); **G01N 33/545** (2006.01)

CPC (source: EP US)
G01N 33/54313 (2013.01 - EP US); **Y10S 436/823** (2013.01 - EP US)

Citation (search report)

- [X] DE 1806418 A1 19690626 - MILES LAB
- [A] DE 2204684 A1 19720817 - HOFFMANN LA ROCHE
- [A] US 3857931 A 19741231 - HAGER H
- [A] FR 2331567 A1 19770610 - INST NAT SANTE RECH MED [FR]

Cited by
EP0008682A1; EP0019741A1; EP0238396A1; FR2595826A1

Designated contracting state (EPC)
BE CH DE FR GB NL SE

DOCDB simple family (publication)
EP 0000772 A1 19790221; AU 3840778 A 19800131; AU 528150 B2 19830414; CA 1103153 A 19810616; CH 628738 A5 19820315; DE 2833886 A1 19790222; DK 343678 A 19790204; FR 2399665 A1 19790302; FR 2399665 B1 19821105; GB 2001996 A 19790214; GB 2001996 B 19820324; JP S5428816 A 19790303; NL 7808143 A 19790206; SE 7808349 L 19790204; US 4226747 A 19801007

DOCDB simple family (application)
EP 78100581 A 19780802; AU 3840778 A 19780727; CA 307224 A 19780712; CH 954277 A 19770803; DE 2833886 A 19780802; DK 343678 A 19780802; FR 7822676 A 19780801; GB 7831927 A 19780802; JP 9373978 A 19780802; NL 7808143 A 19780802; SE 7808349 A 19780802; US 92941078 A 19780731