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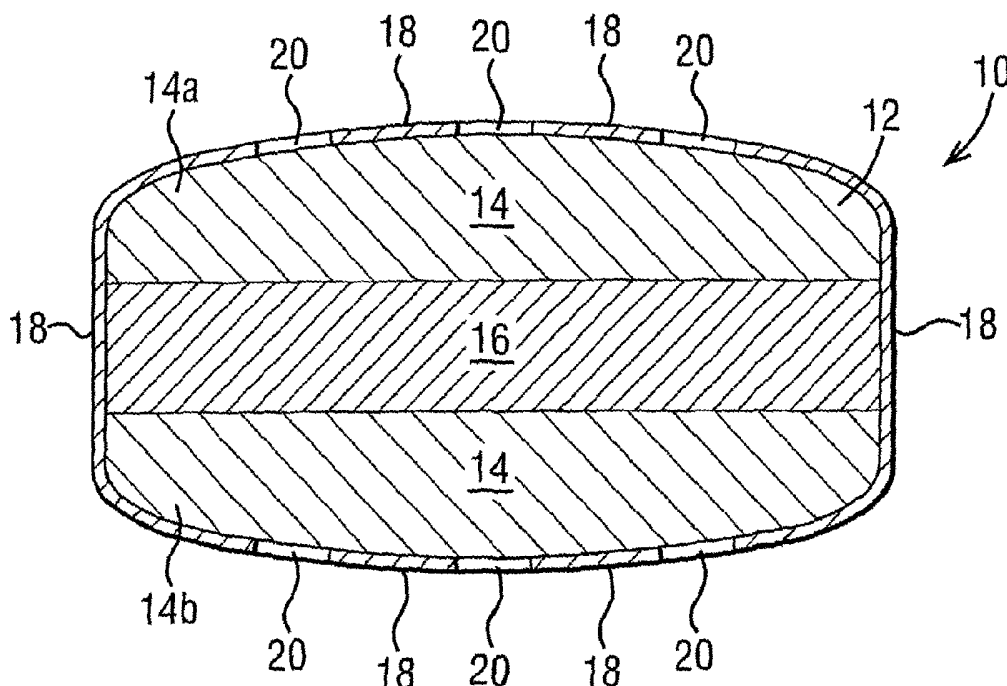
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[Continued on next page]

(54) Title: HYDROGEL-DRIVEN DRUG DOSAGE FORM



(57) Abstract: A controlled release dosage form has a coated core with the core comprising a drug-containing composition and a water-swellaible composition, each occupying separate regions within the core. The coating around the core is water-permeable, water-insoluble and has at least one delivery port therethrough. A variety of geometric arrangements are disclosed.



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patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

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# INTERNATIONAL SEARCH REPORT

International Application No

PCT/IB 01/01390

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages                                                               | Relevant to claim No. |
|------------|--------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|
| A          | DE 197 47 261 A (BAYER AG)<br>29 April 1999 (1999-04-29)<br>page 2, line 38 - line 47<br>page 2, line 54 - line 60<br>examples 1-4<br>---        |                       |
| A          | WO 99 01120 A (PFIZER PROD INC)<br>14 January 1999 (1999-01-14)<br>page 2, line 17 - line 24<br>page 14, line 25 - line 30<br>example 7<br>----- |                       |

# INTERNATIONAL SEARCH REPORT

International application No.  
PCT/IB 01/01390

## Box I Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:  
because they relate to subject matter not required to be searched by this Authority, namely:
2. ☐ Claims Nos.:  
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:  
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

## Box II Observations where unity of invention is lacking (Continuation of item 2 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

see additional sheet

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☒ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

1,5,6,7-20(partially)

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

## FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. Claims: 1, 5, 6, 7-20 (partially)

A controlled release dosage form comprising a core and a coating around said core wherein: (a) said core comprises a drug-containing composition, another drug-containing composition, and a water-swellaable composition, each occupying separate regions within said core, said water-swellaable composition being located between said drug-containing composition and said another drug-containing composition; and (b) said coating is water-permeable, water-insoluble, and has at least one delivery port for communication with said drug-containing composition and another delivery port for communication with said another drug-containing composition.

2. Claims: 2, 7-20 (partially)

A controlled release dosage form comprising a core and a coating around said core wherein: (a) said core comprises a drug-containing composition and a water-swellaable composition, each occupying separate regions within said core, said drug-containing composition surrounding said water-swellaable composition; (b) said drug-containing composition comprises a low-solubility drug and a drug-entraining agent; (c) said water-swellaable composition comprises a swelling agent; and (d) said coating is water-permeable, water-insoluble, and has at least one delivery port therethrough.

3. Claims: 3, 7-20 (partially)

A controlled release dosage form comprising a core and a coating around said core wherein: (a) said core comprises a drug-containing composition and a water-swellaable composition, each occupying separate regions within said core, said water-swellaable composition comprising a plurality of granules; (b) said drug-containing composition comprises a low-solubility drug and a drug-entraining agent; (c) said water-swellaable composition comprises a swelling agent; and (d) said coating is water-permeable, water-insoluble, and has at least one delivery port therethrough.

4. Claims: 4, 7-20 (partially)

A controlled release dosage form comprising a core and a coating around said core wherein: (a) said core is substantially homogeneous throughout and comprises a mixture of a low-solubility drug, a drug-entraining agent, and a

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

swelling agent; and (b) said coating is water-permeable, water-insoluble, and has at least one delivery port therethrough.

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/IB 01/01390

| Patent document<br>cited in search report |   | Publication<br>date |    | Patent family<br>member(s) |  | Publication<br>date |
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