

COMPOSITION OF A DRUG CARRIER, PHARMACEUTICAL COMPOSITION THEREOF, PREPARATION METHOD AND USE METHOD THEREOF

ABSTRACT

5 A composition of a drug carrier, a pharmaceutical composition thereof, a preparation
method and a use method thereof are provided. The composition of a drug carrier includes a
first mixture and a second mixture. The first mixture includes a hydrophilic polymer,
tricalcium phosphate and a water-soluble dispersant. The second mixture includes a water-
absorbing material and a divalent cation salt. The pharmaceutical composition includes the
10 composition of a drug carrier above and a drug for preparing an anti-inflammatory or
antibiotic medicine. The preparation method of the composition of a drug carrier includes
mixing the first mixture and the second mixture. The use method of the composition of a
drug carrier includes mixing the first mixture with a drug and then adding the second mixture.
Accordingly, topically applying the pharmaceutical composition on a surgical site may
15 effectively release the drug thereon.

Figure 4B