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(54) Titre : PROCEDE DE FABRICATION DE MATRICES CELLULOSIQUES POREUSES
(54) Title: PROCESS FOR THE MANUFACTURE OF POROUS CELLULOSE MATRICES

(57) **Abrégé/Abstract:**

The invention discloses a process for the manufacture of porous cellulose particles, which have regular shape, and a capacity of sorbing 1.5-9 times of their own weight of water, a tap bulk density of less than 0.85 g/ml. The process for the manufacture of these porous cellulose matrices is performed by mechanically treatment of hydrolyzed cellulose in a wet stage. The cellulose matrices have preferable a size of at least 0.1 mm and a tap bulk density of 0.1-0.7 g/ml. A bioactive substance or bioactive substances could be sorbed, precipitated or sublimized into the porous structure of the matrices. The matrices can be admixed with drugs or drug containing granules in order to improve the tableting and tablet properties and thereafter compressed. Drug loaded matrices can be used for direct compression of tablets.



