

TABLET COMPRESSION DIE

Abstract

A tablet compression die configured such that formation of edges on the surface of a tablet is suppressed when the tablet is integrally formed by compression. A tablet compression die is provided with a space (S) into which rods (3, 4) having pressing surfaces (13, 14) at the tips thereof are inserted and which extend in the direction of the axis of the rods (3, 4), and the tablet compression die is used to produce the tablet (11) integrally compacted and formed by compressing powder (12) in the space (S) by means of the pressing surfaces (13, 14). A molding groove (6) having a recessed curved surface is annularly formed on the inner peripheral surface of the space (S). The molding groove (6) is integrally connected to the pressing surfaces (13, 14) and forms a part of the surface of the tablet (11) in forming the tablet. The tablet compression die is also provided with a separating mechanism for separating at least a part of a die body (7) so that the tablet (11) engaged with the annular molding groove (6) can be taken out.

[FIGURE 3]