

Title (en)
RELEASE ASSIST MICROCAPSULES

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Application
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Abstract (en)
[origin: WO9002655A1] The invention is a microcapsule consisting of three components: 1) a shell or wall material layer (4); 2) a core material (3) consisting of an active ingredient; 3) a propellant (2) which is the second core material. The invention is a microcapsule (1) consisting of two core materials, one being an active core ingredient (3) while the other is a propellant (2), both surrounded by an encapsulating shell layer (4). The propellant (2) acts to either explode the capsule (1) or to help accelerate the release of the active core material (3) when the capsule is heated. The capsules have a triggered time release function, caused by heat acting upon the propellant core (2), which then acts to push more of the active ingredient (3) through the wall membrane of the capsule shell, or to explode the capsule from within.

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• See references of WO 9002655A1

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