

Sorption cooling element with regulator organ and additional heat source

Abstract

A cooling element with a sorption agent, that under vacuum can sorb a vapour-like working agent that evaporates from a liquid working agent in an evaporator and with a regulator organ in a working agent vapour channel between the sorption agent and the evaporator, wherein the entire cooling element is hermetically enclosed by a gas-tight multi-layer film, the multi-layer film has a flexible construction and is under vacuum so encloses the regulator organ, the working agent vapour channel and the evaporator, that the evaporator and the working agent vapour channel remain flexible and the working agent vapour can flow to the sorption agent only through the regulator organ.

Fig. 1