CLAIMS

1. Dividable parachute grenade comprising a grenade casing, a nose cone, a detonating fuse, a dividing charge, a payload, a parachute device, a grenade bottom, and a supporting device, wherein the supporting device is annular and comprises pretensioned sector elements fixed to a fixing ring in a recess on the inner side of the grenade casing, the sector elements are pretensioned with a tension ring arranged around the annular supporting device via recessed grooves in the sector elements, whereby the supporting device is arranged extensibly in the radial direction in a recess on the inner side of the grenade casing behind the payload and supports the payload in the extended position during the acceleration phase of the grenade, and stays in the grenade after the separation of the payload from the grenade.

2. Dividable parachute grenade according to claim 1, wherein the sector elements are curved in tangential direction and conical in the axial direction, wherein the sector elements comprise a rear end face, closest to the parachute device, comprising radial hollow bushings for fixing of the sector elements to the fixing ring, and a front end face, closest to the payload, comprising the recessed grooves for application of the tension ring.

3. Dividable parachute grenade according to any one of claims 1–2, wherein the sector elements are pretensioned with torsion springs arranged in the recess on the inner side of the grenade casing.