

Title (en)  
BALANCED CAMERA TRIPOD HEAD

Title (de)  
KAMERASTATIVKOPF MIT GEWICHTSAUSGLEICH

Title (fr)  
TETE DE TREPIED D'UN APPAREIL PHOTO AVEC EQUILIBRAGE DE POIDS

Publication  
**EP 1348091 A1 20031001 (DE)**

Application  
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Abstract (en)  
[origin: WO02053965A1] The invention relates to an balanced camera tripod head that comprises: a base element (4); a tiltable arrangement (2) that is linked with the base element (4) so as to be rotatable about a tilt axis (N) and that can be rigidly linked with a camera system; and a device for compensating for a tilt moment that occurs when the head is tilted which comprises at least one spiral spring (3) that rests with its one end on the base element (4). The device for compensating for the tilt moment comprises a follower device (5) that is mounted on the tiltable arrangement (2) at a distance to the tilt axis (N) and that deflects the spiral spring (3) when the camera system is tilted. Said spiral spring (3) exerts a substantially sinusoidal restoring moment on the tiltable arrangement and thus on the camera system.

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