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(54) **Title:** ARRANGEMENT FOR A CAPTURE DEVICE INTENDED TO BE USED IN SURROUNDING IN WHICH THERE IS A RISK OF EXPLOSION

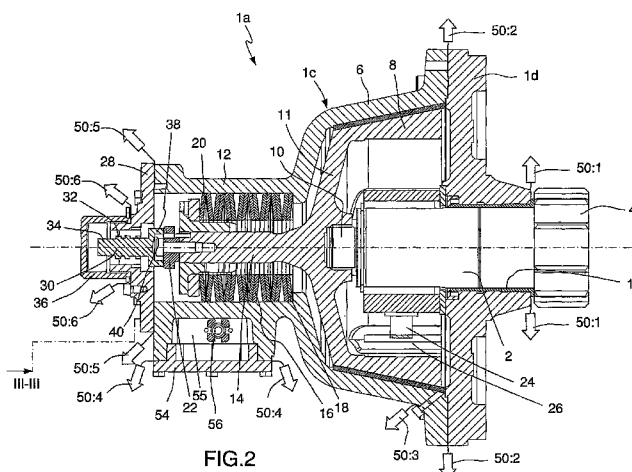


FIG. 2

(57) **Abstract:** The invention concerns an arrangement for a capture device (1a) for a lift. A capture device has a brake housing (1c) that surrounds a centrifugal regulator with an axle (2) that rotates with the lift car, a brake with a fixed brake part (6) and a displaceable brake part (8), a spring (16), on activation the axle (2) is coupled to the rotatable brake part (8) in order to compel it to rotate, and to a tension arrangement (22) for the spring (16) arranged to press the displaceable brake part against the fixed brake part. In order to achieve utility in surroundings in which there is a risk of explosion, the brake housing (1c) is designed as an explosion-proof detonation chamber, outwardly limited by a cylinder, the inner surface of which forms the fixed brake part (6), an end plate (1d) and an end plate (28), whereby the brake housing (1c) has a flame pathway (50:1-50:n) designed as a channel that has been given an area for heat exchange that has been so selected that exhaust gases from an explosion in the brake housing deposit sufficient heat during passage through the flame pathway that the exhaust gases that emanate from the brake housing through the flame pathway are sufficiently cooled that they do not risk igniting the surroundings.

