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(71) Applicant (for all designated States except US): **Alpha-plan International** [BE/BE]; Heibaan 176, B-2235 Hulshout (BE).

(72) Inventor; and

(75) Inventor/Applicant (for US only): **VOET, Hans** [BE/BE]; Heibaan 176, B-2235 Hulshout (BE).

(74) Agent: **LUYS, Marie-José**; Holidaystraat 5, B-1831 Diegem (BE).

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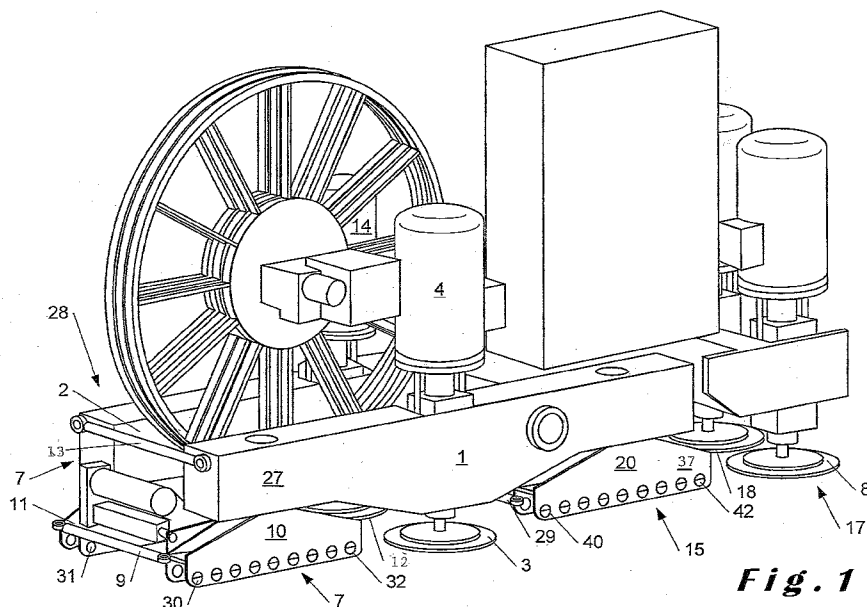


Fig. 1

(57) Abstract: This invention relates to a mobile floor levelling vehicle for levelling an undulating floor surface, which comprises a vehicle body with front and back displacement means for moving the vehicle body. To carry out the levelling operation the floor levelling vehicle comprises at least one grinding tool which is provided and driven to remove an amount of material from the floor, and at least one additional polishing device provided at a position behind the back displacement members in moving direction of the levelling vehicle.