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ABSTRACT



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Emergency drive for an elevator

With this emergency drive, a gear rim (39) is arranged on the traction sheave (15). During the emergency operation, the gear rim (39) is driven by means of a pinion of an engine (43). The engine (43) is employed only when the drive unit occurs to be in the emergency operation. After the emergency operation, the engine (43) is again removed from the drive unit. The gear rim (39) is composed of several layers of interlocked segments and such layers are mutually shifted in the circumferential direction, whereby a segment consists of laminated, interlocked sheet metal segments, which are, as mass-produced goods, cheaply producible by means of cutting and punching procedure.