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(21) International Application Number: PCT/NO98/00130 (22) International Filing Date: 23 April 1998 (23.04.98) (30) Priority Data: 971885 24 April 1997 (24.04.97) NO (71) Applicant (for all designated States except US): ENGINEERING AND DRILLING MACHINERY AS [NO/NO]; Mask-inveien 12, N-4033 Forus (NO). (72) Inventors; and (75) Inventors/Applicants (for US only): MADSEN, John, Daniel [NO/NO]; Asperholen 63, N-4300 Sandnes (NO). EILERTSEN, Bjørn [NO/NO]; Hundvåg Ring 11, N-4085 Hundvåg (NO). (74) Agent: REISTAD, Gunnar, O.; Bryns Patentkontor a/s, P.O. Box 765, Sentrum, N-0106 Oslo (NO).		(81) Designated States: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, GW, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG). Published <i>With international search report.</i> <i>In English translation (filed in Norwegian).</i>

(54) Title: TOWER**(57) Abstract**

A derrick, especially a drilling rig derrick, including a derrick structure and lifting tackle for a load, for example, a drill string, in the derrick structure. The lifting tackle includes guideways in parallel relation which each includes a vertical main guide rail (4, 7), a storage guide rail (5, 8) parallel thereto, and in a lower portion of the derrick a connecting guide portion (6, 9) between the two said rails, a rack (10, 11), slidably arranged in each guideway, which racks (10, 11) are divided into successive, preferably hingedly interconnected rack segments (12, 13) designed to bear against one another when the rack (10, 11) or when a part thereof is in the vertical main guide rail (4, 7), the main guide rail (4, 7) being designed for horizontal support of the rack segments (12, 13), a load-bearing yoke (22) supported on the racks (10, 11) in the respective vertical main guide rails (4, 7), and a driving gear (25) including a driving gearwheel (26, 27, 28) in driving engagement with the racks (12, 13) in the respective vertical guide rails (4, 7).

