

Title (en)
HUB ASSEMBLY FOR A ROULETTE WHEEL

Title (de)
NABENANORDNUNG FÜR EIN ROULETTE-RAD

Title (fr)
ENSEMBLE MOYEU POUR ROUE DE ROULETTE

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Application
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Priority
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Abstract (en)
[origin: WO03056196A1] A roulette wheel hub assembly has axle (17) supported by bearings (18, 20) seated in respective open ends of hollow housing (11). Between bearings (18, 20) is a stack of: magnetic pairs (25) (comprising inner magnets (27), attached to the axle (17), and outer magnet (28), attached to the housing (11)) separated by spacer pairs (26) (comprising inner spacers (29) attached to axle (17) and outer spacers (30) attached to housing (11)). Weight of the roulette wheel, carried by housing (11), is transmitted to axle (17) via the magnetic coupling (at approximately 0.5 mm running clearance) between inner and outer magnets (27, 28). Bearings (18, 20), which may be ceramic ball bearings with Teflon<TM> cages, provide radial stabilisation.

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