CLAIMS

1. A rotary drive arrangement for a drill rod having an outer pipe and an inner rod running at least in sections inside the outer pipe, in particular for double-head and/or overburden drilling, with
   - a first gearbox for driving the inner rod in a rotating manner and
   - a second gearbox for driving the outer pipe in a rotating manner,

   wherein the first gearbox and the second gearbox are independent of each other,

   wherein
   - the first gearbox and the second gearbox are supported in a common gearbox housing and are surrounded by the same,

   wherein
   on an external side of the gearbox housing a displacement means is arranged which is connected in an axially fixed but rotatable manner to the inner rod for axial displacement of the inner rod relative to the gearbox housing.

2. The rotary drive arrangement according to claim 1,
   wherein
   the gearbox housing has a center support which runs approximately perpendicularly to the drilling axis and divides the gearbox housing into a first gearbox compartment which faces away from a drilling tool side and a second gearbox compartment which faces towards the drilling tool side.

3. The rotary drive arrangement according to claim 2,
   wherein
   the center support has a passage for the inner rod.

4. Rotary drive arrangement according to claim 2,
   wherein
   the first gearbox for driving the inner rod is arranged in the first gearbox compartment and the second gearbox for driving the outer pipe is arranged in the second gearbox compartment.

5. The rotary drive arrangement according to claim 1,
   wherein

the gearbox housing has at least one first inlet opening for at least one first drive shaft of at least one first rotary drive and at least one second inlet opening for at least one second drive shaft of at least one second rotary drive.

6. The rotary drive arrangement according to claim 5,
wherein
the at least one first inlet opening is located on one side of the center support and
the at least one second inlet opening is designed on an opposite side of the center support in the gearbox housing.

7. The rotary drive arrangement according to claim 1,
wherein
the first gearbox has a first spur gearwheel and/or the second gearbox has a second spur gearwheel which are each rotatably supported in the gearbox housing.

8. The rotary drive arrangement according to claim 7,
wherein
on the first spur gearwheel a first output element is arranged for driving the inner rod, the said first output element being connected in a torque-proof but axially displaceable manner to the inner rod.

9. The rotary drive arrangement according to claim 7,
wherein
on the second spur gearwheel a second output element is mounted for driving the outer pipe, on which second output element the outer pipe can be mounted in a torque-proof manner.

10. The rotary drive arrangement according to claim 5,
wherein
the gearbox housing is arranged on a base plate, on which ~~the rotary drives~~ the at least one first rotary drive and the at least one second rotary drive are also arranged.

~~11. The rotary drive arrangement according to claim 1,~~
~~wherein~~

~~on an external side of the gearbox housing a displacement means is arranged which is connected in an axially fixed but rotatable manner to the inner rod for axial displacement of the inner rod relative to the gearbox housing.~~

1~~2~~1. A drilling apparatus having a mast or a rig, along which a drill drive carriage is supported in a displaceable manner,
wherein
on the drill drive carriage a rotary drive arrangement according to claim 1 is arranged.