

Title (en)
ROTATING MECHANISM WITH ARM

Title (de)
SCHWENKVORRICHTUNG MIT AUSLEGER

Title (fr)
DISPOSITIF DE PIVOTEMENT MUNI D'UN BRAS PIVOTANT

Publication
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Application
EP 98939615 A 19980704

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Abstract (en)
[origin: WO9904044A1] The invention relates to a device for rotating a work element, comprising an arm (20), a support structure (18), said arm (20) being mounted in said support structure in such a way that it can rotate, a rotation drive (50) for rotating the arm (20) around an rotation pin (22), said rotation drive (50) being located between the arm (20) and the support structure (18), and a lifting drive (28). The support structure (18) represents the frame and the arm (20) represents the driven member of a gear. The lifting drive (28) closes this gear between the support structure (18) and the arm (20). A coupling device is connected in series with the lifting drive (28) in such a way that said lifting drive (28) can be uncoupled from the gear. Said coupling device may comprise a rotating arm (38) and a locking device (62) for example. The inventive device can be used advantageously as an especially compact rotating device for carrying a blast furnace gun.

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