

Title (en)
CRANK ROD

Title (de)
KURBELSTANGE

Title (fr)
MANIVELLE

Publication
EP 0767860 B1 19980624 (DE)

Application
EP 95908941 A 19950215

Priority
• DE 4422142 A 19940628
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Abstract (en)
[origin: US5743152A] A winding rod which has an elongated part disposed substantially perpendicularly to its longitudinal axis and being rotatable about the axis, an annular eyelet having a curved inner face partially surrounding the rotatable part that has an enlarged portion having an outer face curved complementarily to the inner face within at least a section for cooperating with the outer face and being substantially coaxially disposed within the eyelet, the inner face being adapted to accommodate the outer face therein; the annular eyelet that has a circular or oval cross-section, curved suitably convex opposed inner faces at each side of the eyelet and tapering in the direction of each other, and a central aperture between the opposed inner faces.

IPC 1-7
E06B 9/76; **E04F 10/06**

IPC 8 full level
E04F 10/00 (2006.01); **E04F 10/06** (2006.01); **E06B 9/76** (2006.01); **F16D 3/16** (2006.01)

CPC (source: EP US)
E04F 10/0644 (2013.01 - EP US); **E06B 9/76** (2013.01 - EP US); **Y10T 74/20618** (2015.01 - EP US); **Y10T 74/20744** (2015.01 - EP US)

Cited by
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US 5743152 A 19980428; AT E167724 T1 19980715; AU 1707595 A 19960125; CA 2184254 A1 19960111; CA 2184254 C 20050510; CZ 3582 U1 19950626; DE 4422142 A1 19960104; DE 59502655 D1 19980730; EP 0767860 A1 19970416; EP 0767860 B1 19980624; ES 2119396 T3 19981001; JP H10502143 A 19980224; NO 307143 B1 20000214; NO 964937 D0 19961120; NO 964937 L 19961120; PL 178881 B1 20000630; PL 317833 A1 19970428; WO 9600832 A1 19960111

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