

Title (en)
Open-end rotor spinning machine

Title (de)
Offenend-Rotorspinnvorrichtung

Title (fr)
Métier à filer à bout libre à rotor

Publication
EP 0939150 B1 20021211 (DE)

Application
EP 99102008 A 19990201

Priority
DE 19808243 A 19980227

Abstract (en)
[origin: EP0939150A2] The open-end spinner has a cover (10) which slides in a mounting bracket (22) through a locking/unlocking unit (20). During spinning, the locking bolt (23) is held in position at the spinning box housing (2) by force at the mounting points (34) of the spinning box housing (2). The locking bolts (23), with rotational symmetry, have mounting shoulders (29) at the ends which are positioned in mounting shells (30) in the closing cheeks (31) of the spinning box housing (2). Springs (24) within the mounting brackets (22) apply a force on the locking bolts (23), on a withdrawal direction. Both locking bolts (23) are coupled to a gearing assembly (25, 25', 26), operated together by a lever (27) to move into place. The lever (27) can only be operated when the cover (10) is open.

IPC 1-7
D01H 4/08

IPC 8 full level
D01H 4/08 (2006.01)

CPC (source: EP US)
D01H 4/08 (2013.01 - EP US)

Cited by
CN107604492A; EP3751029A1

Designated contracting state (EPC)
CH DE FR IT LI

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EP 0939150 A2 19990901; EP 0939150 A3 19991208; EP 0939150 B1 20021211; CZ 60999 A3 19990915; DE 19808243 A1 19990902; DE 59903702 D1 20030123; JP H11279851 A 19991012; US 6067787 A 20000530

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EP 99102008 A 19990201; CZ 60999 A 19990223; DE 19808243 A 19980227; DE 59903702 T 19990201; JP 5294199 A 19990301; US 24606799 A 19990208