

Title (en)
Opening roller

Title (de)
Auflösewalze

Title (fr)
Cylindre peigneur

Publication
EP 1273686 B1 20070328 (DE)

Application
EP 02010702 A 20020514

Priority
DE 10132867 A 20010706

Abstract (en)
[origin: EP1273686A2] A textile machine opening cylinder rotates on a powered axle between support fittings. The cylinder main frame (10) is linked to the drive hollow shaft (2) by esp. an opening and closing locking fixture (8). The locking fixture has a snap-fit action which is opened or closed without hand tools by axial pull- or push-action. The snap-fixture (3) has a bolt (30) and bolt shank holder (31) which is parallel to the opening cylinder. The locking fixture has one open end with a cross section matching the flexible bolt and a waisted section (313). In an alternative embodiment, the snap fitting has a locking hook which engages with a shoulder and safety catch. The hollow shaft (2) holds a locking lever rod. The opening cylinder is made of a number of components.

IPC 8 full level
D01H 4/32 (2006.01)

CPC (source: EP US)
D01H 4/32 (2013.01 - EP US)

Cited by
EP2784192A1; US8210766B2; DE102007037229A1; US8490376B2; EP2028299A2

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DOCDB simple family (publication)
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