

Title (en)

Wear assembly and lock for an excavating bucket

Title (de)

Verschleißanordnung und Verriegelung für eine Baggerschaufel.

Title (fr)

Ensemble d'usure et verrou pour une pelle d'excavatrice.

Publication

**EP 1852557 A2 20071107 (EN)**

Application

**EP 07009529 A 20030922**

Priority

- EP 03759392 A 20030922
- US 41176202 P 20020919

Abstract (en)

A wear assembly (12) for an excavating bucket comprises a base (14) fixed to the excavating bucket, a wear part (16) received over the base (14) and having a hole (52) extending therethrough to open in the socket (42) the hole (52) having a peripheral edge (54), and a lock (18) for releasably holding the wear part (16) to the nose (20), the lock (18) including a locking member (62) having a stem (90) and a projection (77), the locking member (62) being rotatable about a longitudinal axis of the stem (90) between a release position and a locking position, the projection (77) being within the peripheral edge (54) of the hole (52) in the release position and outside of the peripheral edge (54) of the hole (52) in the locking position such that the projection (77) is set between the nose (18) and the wear part (16), characterized by the lock including a non-rotating resilient member (64) engaging the locking member (62) to resist turning of the locking member (62) between the release and locking positions.

IPC 8 full level

**E02F 9/28** (2006.01); **E02F 9/00** (2006.01); **F16B 2/00** (2006.01)

IPC 8 main group level

**F16B** (2006.01)

CPC (source: EP)

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Cited by

EA039111B1; EA039243B1; KR20180021143A; EP3314062A4; US10041230B2; US9624651B2; US10577778B2; US10060100B2; AU2016330932B2; AU2016330932C1; EA039318B1; WO2019099741A1; US10364553B2; WO2017139257A1; EP3266943A1; EP3388584A1; US11155982B2; WO2017059009A1; WO2017193067A1; US10030367B2; US11142893B2; US10612214B2; US11261585B2; US11970843B2; US10364554B2; US11072913B2; US11359355B2

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