

Title (en)
Wear assembly for excavating equipment

Title (de)
Verschleißanordnung für Erdbewegungsmaschinen

Title (fr)
Ensemble d'usure destiné à un équipement d'excavation

Publication
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Application
EP 14180150 A 20080506

Priority
• US 92878007 P 20070510
• US 92882107 P 20070510
• US 93048307 P 20070515
• EP 08747674 A 20080506
• US 2008062724 W 20080506

Abstract (en)
[origin: WO2008140993A1] A wear assembly for excavating equipment includes a base fixed to the excavating equipment, a wear member fit over the base, and a lock to releasably hold the wear member to the base. The wear member includes side relief to reduce drag on the system. The wear member and the base each includes a hemispherical front end and a generally trapezoidal rear portion. The base includes a nose and a stop projecting from the nose to cooperate with the lock without an opening being needed to receive the lock into the nose. The lock is an elongate lock positioned generally in an axial direction and which holds the wear member to the base under compressive loads.

IPC 8 full level
E02F 9/28 (2006.01); **E02F 3/92** (2006.01)

CPC (source: EP KR)
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• WO 2005080695 A1 20050901 - ITALRICAMBI SPA [IT], et al
• JP H04306329 A 19921029 - HITACHI CONSTRUCTION MACHINERY

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WO 2008140993 A1 20081120; AP 2009005034 A0 20091231; AP 2751 A 20130930; AU 2008251647 A1 20081120; AU 2008251647 B2 20121206; AU 2008251647 C1 20161222; BR 122015006394 A2 20180403; BR 122015006394 B1 20181016; BR 122015006401 A2 20180403; BR 122015006401 B1 20181016; BR 122015006403 A2 20180403; BR 122015006403 B1 20181023; BR P10811427 A2 20170502; BR P10811427 B1 20181016; CA 2686620 A1 20081120; CA 2686620 C 20160216; CA 2880205 A1 20081120; CA 2880205 C 20160927; CN 101688385 A 20100331; CN 101688385 B 20130814; CN 102720244 A 20121010; CN 102720244 B 20150506; CN 103147480 A 20130612; CO 6241176 A2 20110120; CY 1116392 T1 20170208; CY 1121239 T1 20200529; CY 1122000 T1 20201014; CY 1122085 T1 20201125; DK 2160498 T3 20150511; DK 2865814 T3 20190311; DK 2889434 T3 20190423; DK 2910692 T3 20191007; EA 015217 B1 20110630; EA 200901511 A1 20100630; EP 2160498 A1 20100310; EP 2160498 A4 20111228; EP 2160498 B1 20150225; EP 2865814 A2 20150429; EP 2865814 A3 20151028; EP 2865814 B1 20190102; EP 2889434 A1 20150701; EP 2889434 B1 20190306; EP 2910692 A2 20150826; EP 2910692 A3 20151104; EP 2910692 B1 20190807; ES 2537085 T3 20150602; ES 2711820 T3 20190507; ES 2719133 T3 20190708; ES 2748327 T3 20200316; HK 1138893 A1 20100903; HR P20150541 T1 20150703; HR P20190291 T1 20190405; HR P20190616 T1 20190531; HR P20191616 T1 20191213; JP 2010526953 A 20100805; JP 2014001625 A 20140109; JP 2015135052 A 20150727; JP 2017166320 A 20170921; JP 5620263 B2 20141105; JP 5813068 B2 20151117; JP 6378803 B2 20180822; KR 101528984 B1 20150615; KR 101589007 B1 20160126; KR 101595577 B1 20160218; KR 101618022 B1 20160503; KR 101651385 B1 20160825; KR 20100023857 A 20100304; KR 20130079578 A 20130710; KR 20150020673 A 20150226; KR 20150020674 A 20150226; KR 20150044974 A 20150427; LT 2865814 T 20190225; LT 2889434 T 20190425; LT 2910692 T 20191025; MX 2009012181 A 20091209; MY 154678 A 20150715; MY 171629 A 20191022; MY 184361 A 20210401; NZ 581007 A 20120224; NZ 597854 A 20130531; PL 2160498 T3 20150731; PL 2865814 T3 20190531; PL 2889434 T3 20190731; PL 2910692 T3 20200131; PT 2160498 E 20150608; PT 2865814 T 20190225; PT 2889434 T 20190503; PT 2910692 T 20191018; SI 2160498 T1 20150731; SI 2865814 T1 20190329; SI 2889434 T1 20190628; SI 2910692 T1 20191129

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US 2008062724 W 20080506; AP 2009005034 A 20080506; AU 2008251647 A 20080506; BR 122015006394 A 20080506; BR 122015006401 A 20080506; BR 122015006403 A 20080506; BR P10811427 A 20080506; CA 2686620 A 20080506; CA 2880205 A 20080506; CN 200880024090 A 20080506; CN 201210229141 A 20080506; CN 201310066863 A 20080506; CO 09140878 A 20091209; CY 151100456 T 20150522; CY 191100158 T 20190205; CY 191100355 T 20190327; CY 191100991 T 20190920; DK 08747674 T 20080506; DK 14180148 T 20080506; DK 14180150 T 20080506; DK 15151786 T 20080506; EA 200901511 A 20080506; EP 08747674 A 20080506; EP 14180148 A 20080506; EP 14180150 A 20080506; EP 15151786 A 20080506; ES 08747674 T 20080506; ES 14180148 T 20080506; ES 14180150 T 20080506; ES 15151786 T 20080506; HK 10105561 A 20100607; HR P20150541 T 20150520; HR P20190291 T 20190213; HR P20190616 T 20190329; HR P20191616 T 20190906; JP 2010507591 A 20080506; JP 2013182932 A 20130904; JP 2015046793 A 20150310; JP 2017108914 A 20170601; KR 20097025712 A 20080506; KR 20137011723 A 20080506; KR 20157000485 A 20080506; KR 20157000486 A 20080506; KR 20157008991 A 20080506; LT 14180148 T 20080506; LT 14180150 T 20080506; LT 15151786 T 20080506; MX 2009012181 A 20080506; MY P12012001953 A 20080506; MY P12015000230 A 20080506; NZ 58100708 A 20080506; NZ 59785412 A 20120127; PL 08747674 T 20080506; PL 14180148 T 20080506; PL 14180150 T 20080506; PL 15151786 T 20080506; PT 08747674 T 20080506; PT 14180148 T 20080506; PT 14180150 T 20080506; PT 15151786 T 20080506; SI 200831434 T 20080506; SI 200832038 T 20080506; SI 200832056 T 20080506; SI 200832091 T 20080506