

Title (en)
COUPLING APPARATUS

Publication
EP 0198840 B1 19910502 (EN)

Application
EP 85904375 A 19850826

Priority
US 66548584 A 19841029

Abstract (en)
[origin: WO8602681A1] In the operation of construction vehicles, it is often desirable to quickly change from one work implement to another for various types of work. In order to accomplish this, adapting brackets or extensive support structure is added to the support arm and operating linkage of the vehicle to mount a specifically design work implement. Such designs have been known to alter the function of the operating linkages to a point where the performance of the work implement is sacrificed both in operational force capabilities and capacity. The coupling apparatus (10) of the subject allows a plurality of work implements (12) to be quickly coupled to and uncoupled from a vehicle. The coupling apparatus (10) does so in a manner that maintains the operating geometry of conventional linkages and thereby maintains the appropriate operational forces needed for manipulation of the work implement (12) with very little reduction in capacity from that of a convention work implement (12).

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E02F 3/40

IPC 8 full level
E02F 3/40 (2006.01); **E02F 3/36** (2006.01)

CPC (source: EP)
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