

Title (en)

POSITIONING SYSTEM FOR IMPLEMENT OF MACHINE

Title (de)

POSITIONIERUNGSSYSTEM ZUR IMPLEMENTIERUNG EINER MASCHINE

Title (fr)

SYSTÈME DE POSITIONNEMENT POUR ACCESSOIRE DE MACHINE

Publication

EP 3097041 B1 20201118 (EN)

Application

EP 14806315 A 20141204

Priority

- GB 201401242 A 20140124
- EP 2014076588 W 20141204

Abstract (en)

[origin: GB2522454A] A positioning system 400 for an implement (104 fig 8) having a first moveable component 116 and a second moveable component 118. The positioning system 400 includes a first element 402 configured to be attached to the first moveable component and a second element 404 configured to be attached to the second moveable component 118. The first element 402 is configured to engage with the second element 404 to secure the first and the second moveable component 116 & 118 against at least one of an axial and a transverse movement during an implement exchange process. The first and second moveable components may be in the form of shells of a clamshell grapple. The first element may include a protruded portion 406 and the second element an opening 408 to receive the protruded portion of the first element.

IPC 8 full level

B66C 3/02 (2006.01); **E02F 3/413** (2006.01); **E02F 3/96** (2006.01)

CPC (source: EP GB)

B66C 3/02 (2013.01 - EP GB); **E02F 3/3609** (2013.01 - GB); **E02F 3/404** (2013.01 - GB); **E02F 3/413** (2013.01 - GB); **E02F 3/4135** (2013.01 - EP GB); **E02F 3/968** (2013.01 - EP)

Citation (examination)

- GB 924751 A 19630501 - BRAY CONSTRUCTION EQUIPMENT LT, et al
- GB 902611 A 19620801 - CATERPILLAR TRACTOR CO
- EP 0728874 A2 19960828 - RIEPL JOSEF GMBH [DE]

Designated contracting state (EPC)

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DOCDB simple family (publication)

GB 201401242 D0 20140312; GB 2522454 A 20150729; GB 2522454 B 20170222; CN 105934400 A 20160907; CN 105934400 B 20180330; EP 3097041 A1 20161130; EP 3097041 B1 20201118; WO 2015110208 A1 20150730

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