

Title (en)
EXCAVATOR BUCKET ASSEMBLY

Title (de)
BAGGERSCHAUFEL-BAUGRUPPE

Title (fr)
MODULE DE GODET D'EXCAVATION

Publication
EP 3685896 B1 20210407 (DE)

Application
EP 19215864 A 20191213

Priority
DE 102019201054 A 20190128

Abstract (en)
[origin: US2020238187A1] An excavator shovel assembly has an excavator shovel and a shovel arm. A shovel swivel locking device locks the excavator shovel relative to the shovel arm. It has a shovel connecting lever, a shovel arm connecting lever and a rocker connecting lever. The shovel connecting lever is connected to the excavator shovel via a shovel connecting joint. The shovel arm connecting lever is connected to the shovel arm via a shovel arm connecting joint. The rocker connecting lever is connected to the shovel connecting lever via a shovel rocker connecting joint and to the shovel arm connecting lever via a shovel arm rocker connecting joint. The shovel connecting joint and the rocker connecting joints are arranged such that the rocker connecting lever is displaceable between a shovel lifting position and a shovel delivery position through a dead center position, defined by the shovel connecting joint and a rocker connecting joint.

IPC 8 full level
A63H 17/12 (2006.01)

CPC (source: EP US)
A63H 17/12 (2013.01 - EP US)

Designated contracting state (EPC)
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DOCDB simple family (publication)
DE 102019201054 B3 20200213; EP 3685896 A2 20200729; EP 3685896 A3 20200812; EP 3685896 B1 20210407; PL 3685896 T3 20211018; US 11135524 B2 20211005; US 2020238187 A1 20200730

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DE 102019201054 A 20190128; EP 19215864 A 20191213; PL 19215864 T 20191213; US 202016752927 A 20200127