

Title (en)
VEHICLE MOUNTED LIFT ARM ASSEMBLY

Title (de)
FAHRZEUGMONTIERTE HEBEARMANORDNUNG

Title (fr)
ENSEMBLE BRAS DE RELEVAGE MONTÉ SUR VÉHICULE

Publication
EP 2478159 A4 20170621 (EN)

Application
EP 10817513 A 20100907

Priority
• SE 0901189 A 20090915
• SE 2010050951 W 20100907

Abstract (en)
[origin: WO2011034487A1] The invention concerns a lift arm assembly intended to be carried as an accessory at the free end of a mobile arm section (A) of a vehicle such as a loader (B), tractor, or similar, comprising a support arm (1, 2, 3) that is provided at one end with an attachment part (5) intended to be attached in a manner that allows it to be released with the free end of the mobile arm section of the vehicle, and intended to support at a second end a tool (4), a first (6) and a second (7) pivot allowing the support arm and the supported tool, respectively, to pivot independently of each other in a horizontal plane around a first and a second vertical axis line (6', 7'), respectively, relative to the vehicle. In order to facilitate machine operations at the side of a carriageway, on the outside of a protective rail, and in order to avoid collision with obstacles along the carriageway or road, the support arm (1, 2, 3) is arranged to extend forwards in the direction of travel of the vehicle and is formed of first (1) and second (3) extended sections attached to each other, which form a V-shape relative to each other and pass over into each other through a transition section (2) located in an upper part of the support arm.

IPC 8 full level
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Citation (search report)
• [A] US 3498036 A 19700303 - COWLING ROBERT E, et al
• [A] DE 20309299 U1 20030911 - MESCHUETZ ARMIN [DE]
• [A] DE 102005035634 A1 20070215 - FIEDLER MASCHB UND TECHNIKVERT [DE]
• [A] WO 03007691 A1 20030130 - CARLSSON FREDRIK [SE], et al
• See also references of WO 2011034487A1

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