

Title (en)
LIFTING SYSTEM FOR OPERATING MACHINES

Title (de)
HEBESYSTEM FÜR ARBEITSMASCHINEN

Title (fr)
SYSTÈME DE LEVAGE POUR MACHINES D'EXPLOITATION

Publication
EP 3929145 A1 20211229 (EN)

Application
EP 21180411 A 20210618

Priority
IT 202000015508 A 20200626

Abstract (en)
Described is a lifting system for operating machines (2) comprising a loading platform (1); a movable lifting arm (21), on which said platform (1) is mounted; a drive apparatus (24, 25, 26) for moving the arm (21); a safety device (41, 42) which can be worn by an operator and which is designed to securely fasten the operator to the platform (1); checking means (5) designed to detect whether the safety device (41, 42) is worn by an operator; processing means (3), configured to allow or inhibit operation of the drive apparatus (24, 25, 26), on the basis of the detection performed by the checking means (5).

IPC 8 full level
B66F 17/00 (2006.01); **B66F 11/04** (2006.01)

CPC (source: CN EP)
B66F 11/044 (2013.01 - CN); **B66F 11/046** (2013.01 - CN); **B66F 17/006** (2013.01 - CN EP); **B66F 11/044** (2013.01 - EP)

Citation (applicant)
EP 3392192 A1 20181024 - MANITOU ITALIA SRL [IT]

Citation (search report)
• [XAY] JP H10337336 A 19981222 - KAO CORP, et al
• [YD] EP 3392192 A1 20181024 - MANITOU ITALIA SRL [IT]
• [A] EP 3228581 A1 20171011 - SOCAGE S R L [IT]

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 3929145 A1 20211229; **EP 3929145 B1 20240807**; CN 113845069 A 20211228; IT 202000015508 A1 20211226

DOCDB simple family (application)
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