

Title (en)
HANDLE ASSEMBLY FOR A MOTOR VEHICLE

Title (de)
GRIFFANORDNUNG FÜR EIN KRAFTFAHRZEUG

Title (fr)
ENSEMBLE POIGNÉE POUR VÉHICULE AUTOMOBILE

Publication
EP 3990724 B1 20230412 (DE)

Application
EP 20728467 A 20200525

Priority
• DE 102019122153 A 20190819
• EP 2020064387 W 20200525

Abstract (en)
[origin: WO2021032329A1] The invention relates to a handle assembly (3) for a motor vehicle (2), having a support housing (8), a grip (4) which is mounted on the support housing (8) and is movable between a retracted position and an extended position, a drive element (6) which is movable along a main extension path (25), and a main extension lever (16) which is designed to be movement-coupled to the drive element (6) and to push the grip (4) into the extended position during a drive movement of the drive element (6) along the main extension path (25). During operation, the drive element (6) can execute a drive movement which is divided into the main extension path (25) and a pre-extension path (26) before the main extension path (25), wherein the drive element (6), during its drive movement along the pre-extension path (26), is movement-decoupled from the main extension lever (16), and wherein a pre-extension lever (17) is mounted rotatably on the support housing (8) and is designed to push the grip (4) towards the extended position during the drive movement of the drive element (6) along the pre-extension path (26).

IPC 8 full level
E05B 17/00 (2006.01); **E05B 81/06** (2014.01); **E05B 81/42** (2014.01); **E05B 85/10** (2014.01)

CPC (source: CN EP US)
E05B 17/0016 (2013.01 - CN EP); **E05B 81/06** (2013.01 - EP US); **E05B 85/103** (2013.01 - CN EP US); **E05B 85/107** (2013.01 - CN EP);
E05B 81/42 (2013.01 - CN EP)

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

DOCDB simple family (publication)
WO 2021032329 A1 20210225; CN 114258448 A 20220329; DE 102019122153 A1 20210225; EP 3990724 A1 20220504;
EP 3990724 B1 20230412; US 2022282533 A1 20220908

DOCDB simple family (application)
EP 2020064387 W 20200525; CN 202080058585 A 20200525; DE 102019122153 A 20190819; EP 20728467 A 20200525;
US 202017634751 A 20200525