

Title (en)
MOBILE LOW-TEMPERATURE WORKTABLE

Title (de)
MOBILER NIEDRIGTEMPERATURARBEITSTISCH

Title (fr)
TABLE MOBILE BASSE-TEMPÉRATURE

Publication
EP 3388762 A4 20190717 (EN)

Application
EP 16873000 A 20161207

Priority
• JP 2015241544 A 20151210
• JP 2016126597 A 20160627
• JP 2016086319 W 20161207

Abstract (en)
[origin: EP3388762A1] Discloses is a movable workbench making it possible to perform a work under low temperature, for example, such as -80°C or below, with the work place changed. The movable workbench comprises: a worktable comprising a workspace forming member for providing a workspace for a work at low temperature and a refrigerant-reservoir for reserving a refrigerant, and disposed on a base with a moving member; the workspace forming member comprising a side wall and a bottom wall so as to provide a workspace with an upper surface opening; the upper surface of the workspace being open on the upper side of the worktable; the refrigerant-reservoir accommodating the bottom wall of the workspace forming member so that a gas phase in the workspace is cooled when the refrigerant is provided in the refrigerant-reservoir and the bottom wall of the workspace forming member is subsequently cooled; and the moving member disposed on a bottom surface of the base so that the worktable is movable with the refrigerant-reservoir filled with the refrigerant.

IPC 8 full level
F25D 3/10 (2006.01)

CPC (source: CN EP US)
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Citation (search report)
• [X1] US 6205794 B1 20010327 - BROTHERS JOHN G [US]
• [X1] JP 2001141346 A 20010525 - AIR LIQUIDE
• [A] JP S63261135 A 19881027 - MIDORI ANZEN CO LTD
• [A] JP 2010116045 A 20100527 - ISHIKAWA SEISAKUSHO KK
• [AD] JP H11235150 A 19990831 - SANYO ELECTRIC CO
• See references of WO 2017099105A1

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)
EP 3388762 A1 20181017; **EP 3388762 A4 20190717**; CN 108369050 A 20180803; CN 108369050 B 20210112; CN 112629098 A 20210409; HK 1258928 A1 20191122; JP 2018004240 A 20180111; JP 2021105510 A 20210726; JP 7145560 B2 20221003; JP 7152551 B2 20221012; US 2018283762 A1 20181004; WO 2017099105 A1 20170615

DOCDB simple family (application)
EP 16873000 A 20161207; CN 201680072207 A 20161207; CN 202011124720 A 20161207; HK 19101407 A 20190128; JP 2016086319 W 20161207; JP 2016237185 A 20161207; JP 2021063712 A 20210402; US 201816002314 A 20180607