

Title (en)
Transport cart for needle boards

Title (de)
Transportwagen für Nadelbretter

Title (fr)
Chariot de transport pour planches à pointes

Publication
EP 2223884 A1 20100901 (DE)

Application
EP 09153989 A 20090227

Priority
EP 09153989 A 20090227

Abstract (en)
The carriage (1) has a base frame (9) provided with running wheels (12-15). An accommodation device (8) accommodates a needle board and comprises a console (21) with a support surface for the board, where the console pivots around an axis (22) that is oriented parallel to the support surface. A clamping device clamps the board on the console. An adjustment device (29) comprises a slide (34) supported on a linear guide (30), where the slide is movable by the linear guide toward and away from the clamping jaw.

Abstract (de)
Der erfindungsgemäße Transportwagen (1) weist zur Aufnahme eines Nadelbretts (2) eine Konsole (21) auf, die vorzugsweise um eine Drehachse (22) schwenkbar gelagert ist. An der Konsole (21) sind Klemmbacken (24,25) vorgesehen, die das Nadelbrett (2), vorzugsweise kraftbegrenzt, zwischen einander festklemmen und somit reibschlüssig halten

IPC 8 full level
B66F 9/12 (2006.01); **B66F 9/18** (2006.01)

CPC (source: EP US)
B66F 9/125 (2013.01 - EP US); **B66F 9/183** (2013.01 - EP US)

Citation (applicant)
• WO 2009003247 A1 20090108 - LAKAKARY PTY LTD [AU], et al
• DE 202004006091 U1 20040609 - TRANSPORT GMBH [DE]

Citation (search report)
• [X] WO 2009003247 A1 20090108 - LAKAKARY PTY LTD [AU], et al
• [A] DE 202004006091 U1 20040609 - TRANSPORT GMBH [DE]
• [A] US 5033933 A 19910723 - SINCLAIR STUART W [US], et al
• [A] DE 4415429 A1 19951109 - WUERSCHINGER GMBH & CO BAUBETR [DE]

Citation (examination)
• JP H0724887 U 19950512
• JP H0537899 U 19930521
• EP 2037030 A1 20090318 - GROZ BECKERT KG [DE]

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ITUA20164570A1; CN114180494A; CN112045696A; CN108315878A

Designated contracting state (EPC)
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 SE SI SK TR

Designated extension state (EPC)
AL BA RS

DOCDB simple family (publication)
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DOCDB simple family (application)
EP 09153989 A 20090227; BR PI1001019 A 20100226; CN 201010126212 A 20100226; JP 2010040881 A 20100225; KR 20100016947 A 20100225; RU 2010107145 A 20100226; TW 99105544 A 20100226; US 71286510 A 20100225