

Title (en)
WORKER SUPPORT.

Title (de)
ARBEITSBÜHNE.

Title (fr)
PLANCHE DE SUPPORT POUR TRAVAILLER.

Publication
EP 0330682 A4 19900220 (EN)

Application
EP 88905638 A 19880711

Priority
AU PI303687 A 19870710

Abstract (en)
[origin: WO8900485A1] A worker support particularly a mechanics creeper comprises a back support (10) on which a person lies in use in a supine position to enable the person to work in a space with a low vertical clearance, ground engaging wheels (34, 35) for engaging with the ground so that the back support (10) is generally level, the back support (10) having an extent along a generally longitudinal direction (A) along which the person's spine (20) in use lies, the back support (10) having sufficient rigidity to support the person's back along a substantial part of the length of the spine (20), and being shaped to support the person's back in a physiologically compatible posture so as to reduce undesirable spinal deformation. The back support (10) includes in order a sacrum support portion (13), a convex lumbar support portion (12) and a thoracic support portion (14), the back support (10) being continuously contoured along the spinal support portion (11) so as to generally conform to the supine spinal shape. Two side support portions (16, 17) are located on respective lateral sides of the longitudinally extending spinal support portion (11), the side support portions (16, 17) being arranged to support the person's back on opposite sides of the spine (20) and to provide such support over substantially the full width of the person's body. The side support portions (16, 17) are slightly lower than the spinal support portion (11).

IPC 1-7
B25H 5/00

IPC 8 full level
B25H 5/00 (2006.01)

CPC (source: EP)
B25H 5/00 (2013.01)

Citation (search report)

- [A] GB 963389 A 19640708 - KENNETH EDWARD STEEL MUGGLETON
- [A] US 2373421 A 19450410 - SCHENKER ABRAHAM W
- [A] DE 1908066 B1 19700416 - LEHMPFUHL DR MED WERNER
- [A] US 2291094 A 19420728 - AUGUSTUS MCCARTHY JOHN
- [A] US 2733712 A 19560207
- [A] DE 477584 C 19290613 - JULIUS MILDENBERG DR
- See references of WO 8900485A1

Designated contracting state (EPC)
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DOCDB simple family (publication)
WO 8900485 A1 19890126; EP 0330682 A1 19890906; EP 0330682 A4 19900220; JP H02500827 A 19900322

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AU 8800254 W 19880711; EP 88905638 A 19880711; JP 50605788 A 19880711