

Title (en)
PASSIVE-DYNAMIC CORRECTION DEVICE FOR HALLUX VALGUS AND ASSOCIATED STATIC FOOT DEFORMITIES

Title (de)
PASSIVE DYNAMISCHE KORREKTURVORRICHTUNG FÜR HALLUX VALGUS UND DAMIT VERBUNDENE STATISCHE FUSSDEFORMITÄTEN

Title (fr)
DISPOSITIF DE CORRECTION PASSIVE-DYNAMIQUE POUR UN HALLUX VALGUS ET LES DÉFORMATIONS STATIQUES DU PIED ASSOCIÉES

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Application
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Abstract (en)
The subject of the invention is a passive-dynamic hallux valgus correction apparatus and coexisting static defects of the feet with the function of passive and dynamic valgus correction, often with a coexisting transversely flat and flat-valgus feet. The passive-dynamic apparatus strength the weak and stretches the contracted feet muscles in the above-mentioned forms of static defects, restoring the physiological balance of the pulling power of muscles. It has a dynamizing and relaxing function with tonus balancing between muscles, synergists and feet antagonists. In addition, it has a passive function consisting in stretching extra-articular and articular contractures. The device is used in prevention (prevents the development of the above mentioned foot defects) and treatment (inhibits the deepening of the above mentioned foot defects and restores the physiological architecture of the feet conditioning its proper static function during standing and dynamic during walking). The invention is applicable in the field of medical rehabilitation and orthopaedics.

IPC 8 full level
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Citation (search report)
• [A] WO 9710795 A1 19970327 - DESPAIN JULIANNE M [US], et al
• [A] US 2760774 A 19560828 - PEREZ WILLY M
• [A] US 4869499 A 19890926 - SCHIRALDO DONALD R [US]
• [A] US 1911390 A 19330530 - PULLMAN MAURICE J

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