

Title (en)
An elastic weaved belt to sustain the human body

Title (de)
Elastischer gewebter Gurt für den menschlichen Körper

Title (fr)
Bande élastique tissé pour le corps humain

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Application
EP 06012083 A 20060613

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Abstract (en)
The invention relates to a woven elastic belt, destined to support the human body in indoor and outdoor articles of furniture, seats for motor vehicles or the like, of the type comprising a plurality of elastic threads covered with substantially anelastic threads, which together form the warp of the belt, woven with substantially anelastic weft threads. With the object to improve the operating conditions, at least some of the elastic threads are polyurethane threads.

IPC 8 full level
D03D 15/56 (2021.01)

CPC (source: EP)
D03D 1/0005 (2013.01); **D03D 15/56** (2021.01); **D10B 2401/061** (2013.01); **D10B 2505/122** (2013.01)

Citation (search report)
• [X] JP S63203113 A 19880823 - INOUE YUTARO
• [X] US 4215684 A 19800805 - WESTIP WILHELM [DE]
• [X] US 5069957 A 19911203 - VANDERMEERSCH EDMOND [BE]
• [X] DE 7833419 U1 19790215
• [A] US 2706898 A 19550426 - IRVING GROSS, et al & DATABASE WPI Week 198839, Derwent World Patents Index; AN 1988-275757, XP002399994

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