

Title (en)
CONSTRUCTION ELEMENT ADJUSTABLE IN LENGTH

Publication
EP 0021386 B1 19860402 (DE)

Application
EP 80103512 A 19800623

Priority
AT 459179 A 19790629

Abstract (en)
[origin: US4351135A] An arrangement of tensile elements and rollers provides support for an extensible part against forces occurring in two directions perpendicular to the extension direction in which the extensible part is carried by a carrying part of conforming geometry. Two wire ropes form the tensile elements. First ends of each rope are attached to the top corners of one end of the carrying part and second ends of each rope are attached to the opposite bottom corners of the other end of the carrying part. The ropes extend in the extension direction from their carrying part attachments to the extensible part. At the extensible part, the ropes are passed over pulleys in two directions substantially transverse of the extension direction.

IPC 1-7
A47B 88/12; **E04B 7/16**; **E01D 21/00**; **B66C 23/04**

IPC 8 full level
A47B 88/12 (2006.01); **B66C 23/04** (2006.01); **E01D 21/06** (2006.01); **E04B 1/343** (2006.01); **E04H 7/16** (2006.01)

CPC (source: EP US)
A47B 88/483 (2016.12 - US); **A47B 88/497** (2016.12 - EP US); **B66C 23/04** (2013.01 - EP US); **E01D 21/06** (2013.01 - EP US); **E04B 1/3431** (2013.01 - EP US); **E04H 7/16** (2013.01 - EP US)

Cited by
US5727655A; EP0210693A1; FR2584906A1; FR2552469A1; DE102010030136A1; DE102010038462A1; DE102010038462B4; WO2012076530A1

Designated contracting state (EPC)
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