

Title (en)
METHOD AND APPARATUS FOR HEAT TREATING A HEAT-SHRINKABLE TAPE-LIKE OBJECT

Publication
EP 0129063 B1 19880127 (EN)

Application
EP 84105566 A 19840516

Priority
JP 8797183 A 19830519

Abstract (en)
[origin: GB2140051A] A tape-like object 2 such as a fastener tape the shrinkage curve of which is known traverses a plurality of rollers 6 disposed within a heating unit 1. In order for the tape 2 to travel through the heating unit 1 in a substantially tension-free state or under a prescribed tension, a suitable feed speed based upon the shrinkage curve is obtained. The rollers 6 are driven by drive means 17-20, responsive to commands from control means, in accordance with the feed speed in such a manner that each roller 6 rotates at a speed different from the other rollers, or in such a manner that groups 13-16 of the rollers 6 each rotate at a speed which is different for each group. A supply unit 3 feeds the object into the heating unit 1 and a discharge unit 4 extracts the object from the unit 1. The unit 4 includes a cooling device 41 and a discharge section 42. The object 2 is cooled and heat-set while being elongated by rollers 43, 44 of device 41. <IMAGE>

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IPC 8 full level
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CPC (source: EP KR)
D06C 7/02 (2013.01 - EP); **D06C 17/00** (2013.01 - KR)

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GB 8611519 A 19860512; AU 2753684 A 19840501; BR 8402455 A 19840517; CA 453547 A 19840504; DE 3469044 T 19840516; EP 84105566 A 19840516; ES 532546 A 19840517; ES 532547 A 19840517; GB 8412152 A 19840511; HK 39889 A 19890511; HK 90289 A 19891116; JP 8797183 A 19830519; KR 840002641 A 19840516; SG 24989 A 19890413; SG 55889 A 19890825