

Title (en)
Dual drive compressor

Title (de)
Doppelantrieb-Verdichter

Title (fr)
Compresseur à double entraînement

Publication
EP 0806568 A3 19991110 (EN)

Application
EP 97107467 A 19970506

Priority
DE 19618322 A 19960507

Abstract (en)
[origin: EP0806568A2] Described is a compressor (10) for compressing gaseous fluids such as air which is adapted to be driven periodically via a rope pulley (16) through pulling on a rope (36) or alternatively is adapted to be driven continuously via a disc or wheel-shaped rotatable body (18). A drive shaft (14) is connected via two overrunning clutches (52, 56) to the rope pulley (16) or the rotating body (18) and the rope (36) can be rapidly rewound by means of a spring actuator. The drive through rotating body (18) enables the use of the compressor (10) with a bicycle, in which the rotating body (18) is frictionally coupled to a tire, in order to fill a compressed air storage container which can subsequently be used, e.g. for pumping up bicycle tires. <IMAGE>

IPC 1-7
F04B 33/00; **F04B 35/00**

IPC 8 full level
F04B 33/00 (2006.01); **F04B 35/00** (2006.01); **F25B 27/00** (2006.01)

CPC (source: EP)
F04B 33/005 (2013.01); **F04B 35/00** (2013.01); **F25B 27/00** (2013.01)

Citation (search report)
• [A] US 5127808 A 19920707 - NICHOLS ALAN [US], et al
• [A] US 5180283 A 19930119 - VICKERY III EARLE R [US]
• [A] EP 0303469 A2 19890215 - INTERDYNAMICS INC [US]
• [A] US 1351503 A 19200831 - BARNHILL EDWARD B, et al

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