

Title (en)

An improved belt transmission, particularly for laundry driers and washing machines

Title (de)

Riemengetriebe , insbesondere für Wäschetrockner und Waschmaschinen

Title (fr)

Transmission à courroie , en particulier pour sèche linge et machines à laver

Publication

EP 0903433 A3 19990721 (EN)

Application

EP 98200641 A 19980302

Priority

IT MI970670 U 19970918

Abstract (en)

[origin: EP0903433A2] An improved belt transmission between a driving pulley and a driven pulley comprises a floating pulley (6) with a pair of identical circular winding surfaces (8,9) between which there is a third circular winding surface (7) which has a different diameter from that of the pair of surfaces and which is coaxial therewith, a pair of identical belts (10,11) coupling the floating pulley (6) kinematically to one of the driving and driven pulleys by being wound around the pair of identical surfaces (8,9) of the floating pulley (6) and around one of the driving and driven pulleys, and a third belt (5) coupling the floating pulley (6) kinematically to the other of the driving (12) and driven pulleys by being wound around the third surface of the floating pulley and around the other of the driving and driven pulleys. The floating pulley or even one or other of the driving and driven pulleys may be of the type with a diameter which is variable according to the speed of rotation. <IMAGE>

IPC 1-7

D06F 58/08; **D06F 37/30**

IPC 8 full level

D06F 37/30 (2006.01); **D06F 58/08** (2006.01)

CPC (source: EP US)

D06F 37/30 (2013.01 - EP US); **D06F 58/08** (2013.01 - EP US)

Citation (search report)

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- [A] EP 0709515 A1 19960501 - BOSCH SIEMENS HAUSGERAETE [DE]
- [A] US 2942447 A 19600628 - RICKEL WILLIAM R, et al
- [A] FR 1352845 A 19640221
- [A] US 2337586 A 19431228 - BOWEN HERBERT C
- [A] PATENT ABSTRACTS OF JAPAN vol. 010, no. 100 (M - 470) 16 April 1986 (1986-04-16)

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DOCDB simple family (application)

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