

Title (en)
GEAR MECHANISM

Title (de)
GETRIEBEMECHANISMUS

Title (fr)
MÉCANISME À ENGRENAGES

Publication
EP 3175142 A2 20170607 (EN)

Application
EP 15756974 A 20150729

Priority
• GB 201413458 A 20140730
• GB 2015052191 W 20150729

Abstract (en)
[origin: WO2016016645A2] A gear mechanism, such as may non-exclusively be used with a scroll centrifuge, sugar mill drive or winch drive, the gear mechanism comprising a housing; and a first gear arrangement comprising: a first annular gear having a first axis about which it is rotatable in the housing; a second annular gear, being rotatable in the housing about the first axis; and a set of planet gears which each engage the first annular gear and the second annular gear. Such a gear mechanism can achieve high ratios and high torques with few components and be of compact size.

IPC 8 full level
F16H 1/28 (2006.01)

CPC (source: EP)
B04B 1/2016 (2013.01); **F16H 1/28** (2013.01); **B04B 2001/2025** (2013.01)

Citation (search report)
See references of WO 2016016645A2

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Designated extension state (EPC)
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