

Title (en)  
ACTUATING DEVICE

Title (de)  
BETÄTIGUNGSVORRICHTUNG

Title (fr)  
DISPOSITIF D'ACTIONNEMENT

Publication  
**EP 3899323 A1 20211027 (DE)**

Application  
**EP 19817948 A 20191115**

Priority  
• DE 102018132450 A 20181217  
• DE 2019100983 W 20191115

Abstract (en)  
[origin: WO2020125846A1] The invention relates to an actuating device (16) for actuating at least two free gears (21, 22) arranged adjacent to one another in the axial direction on a shaft (14), the actuating device comprising at least two sliding sleeves (23, 24). In order to simplify the actuation of at least two free gears (21, 22), an actuating sleeve (17), by means of which the two sliding sleeves (23, 24) can be actuated, can be moved between three actuation positions, while at least one of the sliding sleeves (23, 24) can be moved only between two shifting positions.

IPC 8 full level  
**F16H 63/30** (2006.01); **F16D 11/10** (2006.01)

CPC (source: EP KR)  
**F16D 23/06** (2013.01 - EP KR); **F16H 63/30** (2013.01 - EP KR); **F16D 2023/0618** (2013.01 - EP KR); **F16D 2023/0637** (2013.01 - EP KR); **F16H 2063/3093** (2013.01 - EP KR)

Citation (search report)  
See references of WO 2020125846A1

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
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**DE 102018132450 A 20181217**; CN 201980083985 A 20191115; DE 2019100983 W 20191115; EP 19817948 A 20191115; KR 20217014792 A 20191115