

Title (en)

FORCE MULTIPLYING MECHANISM AND STOP COCK EQUIPPED WITH SUCH A MECHANISM

Publication

EP 0000850 B1 19800806 (FR)

Application

EP 78400041 A 19780628

Priority

FR 7721261 A 19770711

Abstract (en)

[origin: EP0000850A1] 1. An effort multiplying mechanism, of the type comprising a driving means movable along an axis and having a driving surface which makes a relatively small angle with this axis, a fixed bearing surface making a relatively large angle with this axis, a driven means movable along said axis and having an engaging surface perpendicular to this axis, and rolling means capable of coming into contact simultaneously with these three surfaces, characterized in that each rolling means comprises three independent rolling elements (7-8-9, 107-108-109) which are freely rotatable about the same axis (Y-Y), each of these elements being capable of rolling on only one of the three surfaces (2-3-5, 2**c -50-5**a).

IPC 1-7

F16H 25/18; **F16K 31/16**

IPC 8 full level

F16H 25/18 (2006.01); **F16K 31/16** (2006.01)

CPC (source: EP)

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Designated contracting state (EPC)

BE CH DE GB LU NL

DOCDB simple family (publication)

EP 0000850 A1 19790221; **EP 0000850 B1 19800806**; BE 868889 A 19790110; CH 625322 A5 19810915; DE 2860116 D1 19801127; ES 471613 A1 19790201; FR 2397569 A1 19790209; FR 2397569 B1 19800229; IT 7868629 A0 19780710; LU 79943 A1 19800214

DOCDB simple family (application)

EP 78400041 A 19780628; BE 189198 A 19780710; CH 748678 A 19780710; DE 2860116 T 19780628; ES 471613 A 19780711; FR 7721261 A 19770711; IT 6862978 A 19780710; LU 79943 A 19780707