

Title (en)
Hydraulically impulsed wrench.

Title (de)
Hydro-Impulsschrauber.

Title (fr)
Clé à impulsion hydraulique.

Publication
EP 0460592 B1 19950111 (DE)

Application
EP 91109090 A 19910604

Priority
DE 4018084 A 19900606

Abstract (en)
[origin: EP0460592A1] The hydraulically impulsed wrench has a rotationally driven impact mechanism with an output shaft (23) for a screwing tool. The output shaft (23) possesses lamellae (33 to 36) which are distributed at angular distances of 90 DEG over the circumference, are adjustable approximately radially outwards and, in the case of a 360 DEG -rotation of the output shaft (23), bear, in one position, sealingly on sealing strips (54, 55) of the impact-mechanism housing (5). Two diametrically opposite lamellae (33, 34) have follower members, through which they are adjustable in a positively controlled manner in cooperation with control paths (46, 48). Owing to the positive control of these lamellae (33, 34), the sealing strips (54, 55) can be simply manufactured. All of the lamellae (33 to 36) can additionally be arranged symmetrically to the axis of the output shaft (23), so that the output shaft (23) and their bearing points are not unevenly loaded on generating the angular momentum. <IMAGE>

IPC 1-7
B25B 21/02

IPC 8 full level
B25B 21/02 (2006.01)

CPC (source: EP)
B25B 21/02 (2013.01)

Cited by
EP0569344A1; US5429553A; JP2007326172A

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EP 0460592 A1 19911211; EP 0460592 B1 19950111; DE 4018084 C1 19920130; DE 59104201 D1 19950223; ES 2066269 T3 19950301

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