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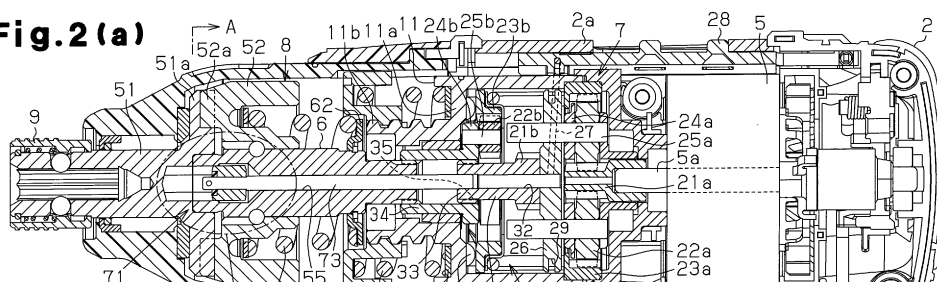
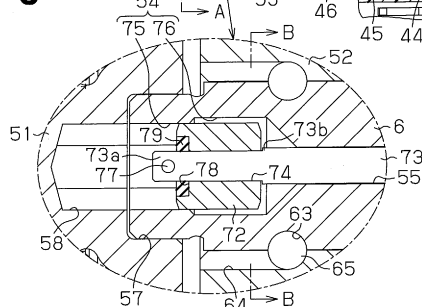
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(54) Impact rotation tool

(57) An impact rotation tool (1) includes a switching shaft (73) (73), which extends through a drive shaft (6), and a coupling member (72), which is coupled to the switching shaft (73). The switching shaft (73) moves the coupling member (72) to a position where the coupling member (72) is engaged with the wall of only the drive shaft hole (54) to switch the impact rotation tool (1) to an impact mode. The switching shaft (73) moves the cou-

pling member (72) to a position where the coupling member (72) is engaged with the walls of both of the drive shaft hole (54) to switch the impact rotation tool (1) to a drill mode. The wall of the drive shaft hole (54) includes an engagement portion (75), which is engaged with the coupling member (72) in the impact mode, and a relief (76), which does not contact the outer circumferential surface of the coupling member (72) in the impact mode.

Fig.2 (a)**Fig.2 (b)****EP 2 712 708 A3**



EUROPEAN SEARCH REPORT

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EP 13 18 4680

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The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of the search 14 February 2018	Examiner Bonnin, David
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	

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