

Title (en)
HAMMER DRILL

Title (de)
SCHLAGBOHRER

Title (fr)
MARTEAU PERFORATEUR

Publication
EP 1950008 A1 20080730 (EN)

Application
EP 06823361 A 20061113

Priority
• JP 2006322587 W 20061113
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Abstract (en)
An intermediate shaft 3 operatively coupled to a motor and a tool holding sleeve 11 for holding a tip end tool 22 are disposed in a housing 1 in parallel with each other. A motion converting member 5 for converting rotary motion to reciprocating motion thereby to operate the tip end tool 22 to hammer is rotatably provided on the intermediate shaft 3. A first clutch 6 is provided between the intermediate shaft 3 and the motion converting member 5. A clutch sleeve 25 which is coupled to the intermediate shaft 3 by way of a rotation transmitting member, and a second clutch 27 which rotates integrally with the tool holding sleeve 11 and can move in a longitudinal direction of the tool holding sleeve are arranged on an outer periphery of the tool holding sleeve 11. The second clutch 27 is provided so as to be engaged with and disengaged from the clutch sleeve 25.

IPC 8 full level
B25D 16/00 (2006.01)

CPC (source: EP US)
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