

Title (en)

TRIPLE HI-HAT WITH A SIMPLE OPERATING DEVICE

Title (de)

TRIPLE HI-HAT MIT EINFACHBEDIENEINRICHTUNG

Title (fr)

CYMBALE TRIPLE DOTEE D'UN DISPOSITIF DE COMMANDE SIMPLE

Publication

EP 1066621 B1 20020605 (DE)

Application

EP 99924702 A 19990326

Priority

- DE 9900928 W 19990326
- DE 19813610 A 19980327
- DE 19844794 A 19980930

Abstract (en)

[origin: US6320109B1] A hi-hat (1) is used as an instrument, especially as a percussion instrument. The inventive hi-hat consists of a set of in total three or more cymbals (2, 3, 4). An upper mobile cymbal (2) and a lower, also mobile cymbal (4) are struck against the middle, stationary cymbal (4) by means of a common operating device (5), in order to produce a noise. The movement of the pedal (31) is reversed by means of either an appropriate pneumatic arrangement with a piston (8) and corresponding cylinder chambers (10, 23) or a mechanical device which diverts the pedal movement via a cable (50) and a deflection pulley (51) so that the outer tube (14) moves upwards against the middle cymbal (3) whilst the rod (7) is pulled downwards in the opposite direction, hereby causing the upper cymbal (2) to strike the middle cymbal (3).

IPC 1-7

G10D 13/06

IPC 8 full level

G10D 13/06 (2006.01)

CPC (source: EP US)

G10D 13/065 (2013.01 - EP US)

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR IE IT LI LU NL PT SE

DOCDB simple family (publication)

US 6320109 B1 20011120; AT E218737 T1 20020615; AU 4130899 A 19991018; DE 19980511 D2 20010712; EP 1066621 A2 20010110; EP 1066621 B1 20020605; WO 9949451 A2 19990930; WO 9949451 A3 19991111

DOCDB simple family (application)

US 64717700 A 20001019; AT 99924702 T 19990326; AU 4130899 A 19990326; DE 19980511 T 19990326; DE 9900928 W 19990326; EP 99924702 A 19990326