

Title (en)
Percussor.

Title (de)
Klopfmassagegerät.

Title (fr)
Instrument de percussion.

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Application
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Priority
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Abstract (en)
A percussor comprises an oscillating assembly having a reciprocating plunger (14), a first (18) and a second (24) chamber and a gas tight seal (34) therebetween when the plunger (14) is at rest in a biased position, and gas inlet means (56, 58, 54) for directing gas into the first chamber (18) to begin to force the plunger (14) downwardly against the biasing force, thereby unseating the gas seal (34) between the chambers (18,24). The gas pressurizes the second chamber (24) to force the plunger (14) to a second position and the pressure is then relieved through a gas exit passageway (50,47). In response to the pressure drop, the plunger (14) is returned to its original position. This plunger (14) reciprocation is repeated rapidly to achieve the percussor action. In a preferred embodiment, a fluid containing chamber (21) having exteriorly exposed fluid impermeable membrane (20) engages the reciprocating plunger (14) whereby the energy is directed through the liquid (22) and membrane (20).

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IPC 8 full level
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CPC (source: EP)
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Citation (search report)
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