

Title (en)
LIGHTER OF MULTIPLE TORCH FLAMES

Title (de)
FEUERZEUG MIT MEHREREN FLAMMENFACKELN

Title (fr)
BRIQUET A FLAMMES MULTIPLES EN FORME DE TORCHE

Publication
EP 1405010 A4 20070502 (EN)

Application
EP 02704547 A 20020219

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- CN 02215119 U 20020109
- US 91506601 A 20010725

Abstract (en)
[origin: WO02099336A1] A lighter of multiple torch flames comprises a nozzle and vaporizer assembly that includes a vaporizer, a mixing chamber, and at least two burner nozzles generally in V-orientation. The vaporizer has a central opening serving as an exit of combustible gas, thereby generating a burst of vaporized combustible gas. The mixing chamber has at least one air inlet such that the vaporized combustible gas is mixed with fresh air therein. Two nozzles have a joint point at upstream of the mixing chamber, and are associated with a plurality of channels extending from the nozzles for diverting few amount of the combustible gas into a flame chamber of the lighter, while most of the combustible gas passes through the nozzles into the flame chamber to form at least two torches of flames in straight column shape when being ignited.

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CPC (source: EP)
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Citation (search report)

- [Y] EP 0410313 A1 19910130 - WANG ZHI LIN [CN]
- [Y] FR 2374590 A1 19780713 - RIPPE SA [FR]
- See references of WO 02099336A1

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