

Title (en)

OXY FLAT FLAME BURNER AND BLOCK ASSEMBLY

Title (de)

FLACHER OXYFLAMMENBRENNER UND BLOCKANORDNUNG

Title (fr)

BRÛLEUR À FLAMME PLATE À OXY-COMBUSTIBLE ET ENSEMBLE BLOC

Publication

EP 4306853 A3 20240424 (EN)

Application

EP 23213512 A 20200212

Priority

- EP 23213512 A 20200212
- EP 20918889 A 20200212
- US 2020017854 W 20200212

Abstract (en)

A block and burner assembly including a flat flame burner sub-assembly which includes a flat flame burner body in fluid communication with a gas source. The flat flame burner body includes a gas inlet in fluid communication with the gas source and a gas nozzle, and a fuel inlet in fluid communication a fuel nozzle, wherein the gas nozzle is arranged to at least partially encompass the fuel nozzle. The block and burner assembly includes a flat flame burner block arranged to receive at least a portion of the fuel nozzle and at least a portion of the gas nozzle, a staged injector sub-assembly in fluid communication with the gas source, and a staged injector block connected to the flat flame burner block and arranged to receive the at least a portion of the staged injector sub-assembly wherein the flat flame burner block and the staged injector block are separable.

IPC 8 full level

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Citation (search report)

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