

Title (en)

Twin fluid atomizer.

Title (de)

Doppelzerstäuber für Flüssigkeiten.

Title (fr)

Atomiseur pour deux fluides.

Publication

**EP 0128805 A2 19841219 (EN)**

Application

**EP 84401086 A 19840528**

Priority

US 50089783 A 19830603

Abstract (en)

An atomizer for mixing a compressible fluid such as air or steam with a liquid fuel to atomize the latter, in which a pair of tubular members are disposed in a concentrically-spaced relationship with the compressible fluid being introduced to the inner-tubular member and the liquid fuel being introduced in the annular space between the two members. A mixing chamber is provided for receiving the fuel and the fluid, and is in communication with a continuous annular discharge passage for discharging the atomized fuel.

IPC 1-7

**F23D 11/10**

IPC 8 full level

**B05B 7/04** (2006.01); **F23D 1/00** (2006.01); **F23D 11/10** (2006.01); **F23D 11/38** (2006.01)

CPC (source: EP)

**F23D 1/005** (2013.01); **F23D 11/101** (2013.01)

Cited by

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**EP 0128805 A2 19841219**; **EP 0128805 A3 19860219**; CA 1221902 A 19870519; JP S6086315 A 19850515; SE 8402928 D0 19840530; SE 8402928 L 19841204

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**EP 84401086 A 19840528**; CA 455579 A 19840531; JP 11108484 A 19840601; SE 8402928 A 19840530