

Title (en)
SPRINKLER NOZZLE

Title (de)
SPRINKLERDÜSE

Title (fr)
BUSE POUR SPRINKLER

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Application
EP 95920055 A 19950517

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Abstract (en)
[origin: US5762144A] PCT No. PCT/EP95/01880 Sec. 371 Date Nov. 6, 1996 Sec. 102(e) Date Nov. 6, 1996 PCT Filed May 17, 1995 PCT Pub. No. WO95/31253 PCT Pub. Date Nov. 23, 1995The invention relates to a sprinkler nozzle for installation in commercial buildings to extinguish fires. The invention provides a cast one-piece design and dispersion of liquid over a larger area than prior art nozzles. In addition, the nozzle can be connected to multiple sources of liquid, such as water and foam, so that multiple agents can be mixed while the nozzle is operating.

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Cited by
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DK 0759794 T3 19990419; EP 0759794 A1 19970305; EP 0759794 B1 19980715; ES 2121388 T3 19981116; JP 3544983 B2 20040721;
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