

Title (en)
INDUCTION APPARATUS FOR AIR DISTRIBUTION SYSTEM

Publication
EP 0326950 A3 19900523 (EN)

Application
EP 89101377 A 19890127

Priority
US 14957788 A 19880128

Abstract (en)
[origin: EP0326950A2] An induction apparatus (10) for an air distribution system. A nozzle (12) is coupled with a primary air supply duct (18) downstream of a variable volume terminal unit to increase the velocity of air discharged from the duct (18). The increased primary air velocity induces secondary air into the primary air stream. The secondary air is supplied by a ceiling plenum which may be in communication with the conditioned area. A mixing chamber (14) is positioned downstream of the nozzle (26) and is sized for allowing mixing of the induce secondary return air with the primary air stream. A diffuser (20) coupled with the downstream end of the mixing chamber (14) distributes the mixed air into the conditioned space.

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F24F 13/04

IPC 8 full level
F24F 13/04 (2006.01); **F24F 13/26** (2006.01)

CPC (source: EP)
F24F 13/04 (2013.01); **F24F 13/26** (2013.01); **F24F 2221/14** (2013.01)

Citation (search report)
• [X] FR 2281543 A2 19760305 - INST PENTRU CREATIE STIINTIF [RO]
• [A] FR 1235224 A 19600701 - BERIAB SOC

Cited by
EP1867568A3; EP0813672A4; US5634964A; GB2244804A; GB2244804B; US6971607B2; US6921047B2; WO2005030582A1; WO9625329A1; JP2007505788A

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