

Title (en)  
INSTALLATION FOR HOT WATER PREPARATION

Publication  
**EP 0405136 A3 19910515 (DE)**

Application  
**EP 90109717 A 19900522**

Priority  
• DE 3921135 A 19890628  
• DE 4011848 A 19900412

Abstract (en)  
[origin: EP0405136A2] A pipe run (9, 10, 3) starting from a hot-water supply installation (6) ends at a switchable hot-water preparation installation (1), to which a tapping point (4) is directly connected. The water heating installation (1) is only switched on when water is tapped and at the same time the water temperature, for example detected by a thermostat (5), at the end of the pipe run (9, 10, 3) is not hot enough. The aim is immediate hot-water preparation irrespective of the respective degree of cooling of the water contained in the pipe run (9, 10, 3). <IMAGE>

IPC 1-7  
**F24D 17/00**

IPC 8 full level  
**F24D 17/00** (2006.01); **F24D 19/10** (2006.01)

CPC (source: EP US)  
**F24D 17/00** (2013.01 - EP); **F24D 17/0089** (2013.01 - EP); **F24D 19/1051** (2013.01 - EP US)

Citation (search report)  
• [X] PATENT ABSTRACTS OF JAPAN Band 8, Nr. 284 (M-348)(1721), 26. Dezember 1984; & JP - A - 59153057 (MATSUSHITA DENKI SANGYO) 31.08.1984  
• [X] PATENT ABSTRACTS OF JAPAN Band 8, Nr. 270 (M-344)(1707), 11. Dezember 1984; & JP - A - 59142348 (MATSUSHITA DENKI SANGYO) 15.08.1984

Cited by  
GB2298480A; CN111156583A; FR2824627A1

Designated contracting state (EPC)  
AT BE CH DE DK ES FR GB IT LI SE

DOCDB simple family (publication)  
**EP 0405136 A2 19910102; EP 0405136 A3 19910515; EP 0405136 B1 19931118**; AT E97478 T1 19931215; DE 4011848 A1 19910103; DE 59003508 D1 19931223; DK 0405136 T3 19940117; ES 2046588 T3 19940201

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