

Title (en)  
VARIABLE SPRINKLER FOR DIFFERENT IRRIGATION REQUIREMENTS

Publication  
**EP 0047444 B1 19840627 (DE)**

Application  
**EP 81106660 A 19810827**

Priority  
DE 3033417 A 19800905

Abstract (en)  
[origin: US4379523A] A swivelling fan-jet sprinkler which is convertible from a coarse sprinkling mode in which it covers a relatively large irrigation area to a gentler spraying mode in which it covers a smaller area, the conversion being achieved by means of a removable spinner cage which surrounds the nozzle cylinder of the sprinkler. The spinner cage has a captive snap ring cooperating with a groove in the nozzle cylinder to produce a detent action for attachment and removal of the spinner cage. The latter is driven by the water jets which are disturbed in the process.

IPC 1-7  
**A01G 25/00**; **B05B 3/16**

IPC 8 full level  
**B05B 3/04** (2006.01); **B05B 3/16** (2006.01)

CPC (source: EP US)  
**B05B 3/044** (2013.01 - EP US); **Y10S 239/01** (2013.01 - EP US)

Cited by  
CN112571088A; US5511727A; DE19830860A1; US6062490A; US5645218A; US5938122A; WO9532806A1

Designated contracting state (EPC)  
FR GB IT

DOCDB simple family (publication)  
**EP 0047444 A1 19820317**; **EP 0047444 B1 19840627**; DE 3033417 A1 19820422; DE 3033417 C2 19870625; JP S5787861 A 19820601; US 4379523 A 19830412

DOCDB simple family (application)  
**EP 81106660 A 19810827**; DE 3033417 A 19800905; JP 13714581 A 19810902; US 29952181 A 19810904