NAME
create_unique_filename

SYNOPSIS
create a unique filename from the supplied argment

USAGE
local df = require "lib/dtutils.file"

local result = df.create_unique_filename(filepath)
filepath - string - the path and filename requested

DESCRIPTION
create_unique_filename takes a requested filepath and checks to see if
it exists. If if doesn't then it's returned intact. If it already exists, then a two
digit increment is added to the filename and it is tested again. The increment keeps
increasing until either a unique filename is found or there have been 100 attempts.

RETURN VALUE
result - string - the incremented filename

LIMITATIONS
create_unique_filename will only attempt 100 increments.