

Title (en)  
DRIVE FOR FRICTION SPINDLE UNITS

Title (de)  
ANTRIEB FÜR FRIKTIONSSPINDELAGGREGATE

Title (fr)  
DISPOSITIF DE COMMANDE POUR GROUPES DE BROCHES A FRICTION

Publication  
**EP 0828872 B1 19990707 (DE)**

Application  
**EP 96914139 A 19960426**

Priority  
• DE 19520120 A 19950601  
• EP 9601766 W 19960426

Abstract (en)  
[origin: DE19520120A1] A friction spindle unit consists of a basic component (4) in which spindles (1) are fitted to rotate at the corners of an equilateral triangle. The spindles (1) have friction discs (3) mutually overlapping at the center of the equilateral triangle. In order to attain higher revolution speeds, it is proposed that there be a drive shaft (9) rotatable about the centre of the equilateral triangle and arranged axially parallel to the spindles (1), between which and each spindle (1) there are means (19) for torque transmission.

IPC 1-7  
**D02G 1/08**

IPC 8 full level  
**F16H 1/06** (2006.01); **D02G 1/08** (2006.01)

CPC (source: EP)  
**D02G 1/082** (2013.01)

Cited by  
EP2295621A1; DE102009040864A1; DE102011080416A1; WO2013017305A2

Designated contracting state (EPC)  
DE GB IT

DOCDB simple family (publication)  
**DE 19520120 A1 19961205**; DE 59602400 D1 19990812; EP 0828872 A1 19980318; EP 0828872 B1 19990707; JP H11506526 A 19990608; WO 9638605 A1 19961205

DOCDB simple family (application)  
**DE 19520120 A 19950601**; DE 59602400 T 19960426; EP 9601766 W 19960426; EP 96914139 A 19960426; JP 53612896 A 19960426