

Title (en)
PISTON FOR A HYDROSTATIC AXIAL-PISTON MACHINE

Title (de)
KOLBEN FÜR EINE HYDROSTATISCHE AXIALKOLBENMASCHINE

Title (fr)
PISTON POUR MOTEUR HYDROSTATIQUE A PISTONS AXIAUX

Publication
EP 0888499 A1 19990107 (DE)

Application
EP 97905034 A 19970217

Priority
• DE 19610595 A 19960318
• EP 9700742 W 19970217

Abstract (en)
[origin: DE19610595C1] Described is a piston for a hydrostatic axial-piston machine, the surface (12) of the piston body (15) having, at the front end (Y) where it joins the end face (11) of the piston and/or at the rear end (X) near the piston head, a chamfer (16; 18; 19; 21) with a continuously changing radius of curvature.

IPC 1-7
F04B 1/12

IPC 8 full level
F04B 1/20 (2006.01); **F04B 1/12** (2006.01)

CPC (source: EP KR US)
F04B 1/12 (2013.01 - KR); **F04B 1/124** (2013.01 - EP US); **F05C 2201/0478** (2013.01 - EP US)

Citation (search report)
See references of WO 9735110A1

Designated contracting state (EPC)
DE FR GB IT SE

DOCDB simple family (publication)
DE 19610595 C1 19961010; DE 59707424 D1 20020711; EP 0888499 A1 19990107; EP 0888499 B1 20020605; JP 2000506585 A 20000530; KR 100382835 B1 20030716; KR 20000064432 A 20001106; US 5970845 A 19991026; WO 9735110 A1 19970925

DOCDB simple family (application)
DE 19610595 A 19960318; DE 59707424 T 19970217; EP 9700742 W 19970217; EP 97905034 A 19970217; JP 53306997 A 19970217; KR 19980704564 A 19980617; US 6640998 A 19980428