

1) Family number: 13460287 (JP8126826A)

Title: DISSOLVING DEVICE

Abstract: PURPOSE: To provide a dissolving device by which dissolving work of a chemical such as a powdery chemical is easily performed and also time of the dissolving work is shortened. CONSTITUTION: This device is constituted by a dissolving tank 2 for storing purified water W for dissolving, a radiant flow generator 4 supported on a bottom part 3 in the dissolving tank 2 at the central position and also having a radiant pass 10 in the lower part thereof, a 1st piping 7 for connecting a side part 5 of the dissolving tank 2 to a peripheral position of the bottom part 3 through a circulating pump 6 and also for generating a vortex in the dissolving tank 2, and a 2nd piping 8 for connecting the circulating pump 6 to the lower part of the radiant generator 4. In this way, the vortex in the peripheral direction and a liquid flow in the centrifugal direction are generated to shorten the dissolving time.

Classifications:

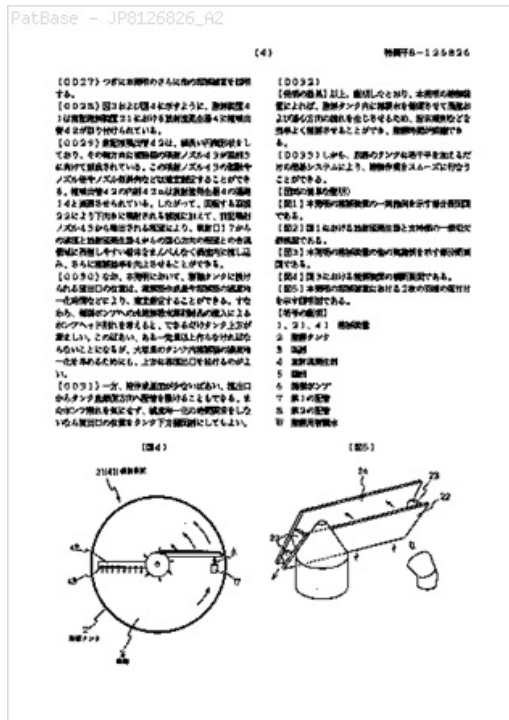
International (IPC 8-9): B01F1/00 B01F5/00 B01F5/02 B01F5/10 (Advanced/Invention)

International (IPC 1-7): B01F1/00 B01F5/02 B01F5/10

CPC: B01F1/00 B01F5/0057 B01F5/0206 B01F5/10 B01F2215/0036

European: B01F1/00 B01F5/00B B01F5/02B B01F5/10

L01F215/00A42



Family:

Publication number	Publication date	Application number	Application date
JP3216445 B2	20011009	JP19940266606	19941031
JP8126826 A2	19960521	JP19940266606	19941031

Priority:

JP19940266606 19941031

Probable Assignee: NISSHO KK

Assignee(s): (std): NISSHO KK

Assignee(s): NIPRO CORP ; NISSHO CORP

Inventor(s): (std): FUJIWARA AKIRA ; KOBAYASHI SUSUMU ; TOMITA HIDEYUKI

2) Family number: 24630402 (JP2002326023A)

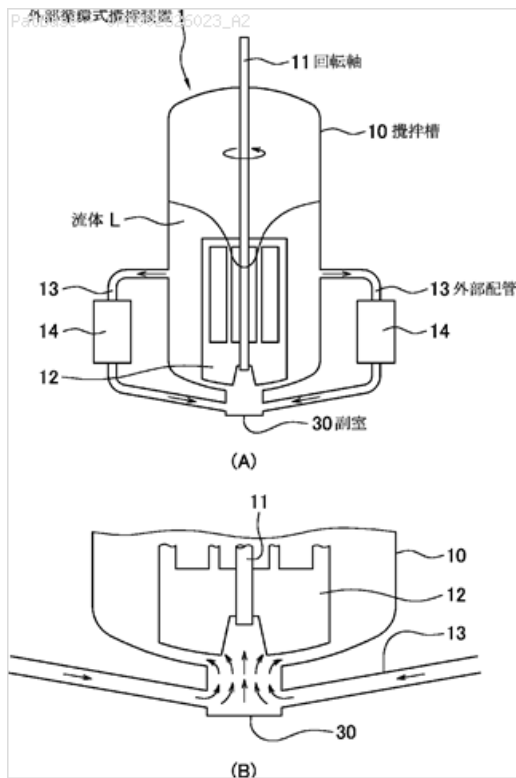
Title: EXTERNAL CIRCULATION AGITATING DEVICE

Abstract: PROBLEM TO BE SOLVED: To provide an external circulation agitating device which can prevent the breakage of solid particulates and can prevent clogging of external piping even when a fluid in which the solid particulates are mixed is externally circulated. SOLUTION: The agitating device is provided with an agitation tank 10 for housing a fluid L, a rotary shaft 11 vertically and rotatably provided in the agitation tank 10, and an agitation vane 12 which is attached to the rotary shaft 11 and agitates the fluid L housed in the agitation tank 10. The auxiliary chamber 30 dented downward is provided at the bottom surface of the agitation tank 10. The external piping 13 which communicates the side surface of the agitation tank 10 and the side surface of the auxiliary chamber 30, is provided outside the agitation tank 10. The cross section area of the auxiliary chamber 30 is larger than that of the external piping 13.

Classifications:

International (IPC 8-9): B01F7/16 B01F7/18 (Advanced/Invention)

International (IPC 1-7): B01F7/16 B01F7/18



Family:

Publication number	Publication date	Application number	Application date
JP2002326023 A2	20021112	JP20010137091	20010508
JP4562312 B2	20101013	JP20010137091	20010508

Priority:

JP20010137091 20010508

Probable Assignee: SUMITOMO HEAVY INDUSTRIES

Assignee(s): (std): SUMITOMO HEAVY IND ; SUMITOMO HEAVY INDUSTRIES

Assignee(s): SUMITOMO HEAVY INDUSTRIES LTD ; SUMITOMO HEAVY IND LTD

Inventor(s): (std): UNO KINBUN ; YOSHIMOTO KEIJI

3) Family number: 5928406 (EP0160589A1)

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Title: PROCESS AND APPARATUS FOR THE DISSOLUTION OF PLUTONIUM AND/OR NEPTUNIUM OXIDES.

Abstract: 1. Process for dissolving plutonium oxide and/or neptunium oxide, consisting of introducing into an electrolysis cell having an anode and a cathode an aqueous nitric acid solution having a nitric acid solution of 2 to 8 mol.l⁻¹, the plutonium and/or neptunium oxide to be dissolved and an oxidizing agent constituted by silver oxide in order to oxidize the plutonium and/or the neptunium oxides and dissolve them in the solution and the apply a potential difference between the anode and cathode for regenerating the oxidizing agent, characterized in that the solution is stirred at the anode and in that the potential difference applied between the anode and the cathode is such that the current intensity I in the cell is maintained at a constant value chosen as a function of the surface of the anode and the silver concentration of the solution to obtain a faradic yield of at least 0.2.

Classifications:

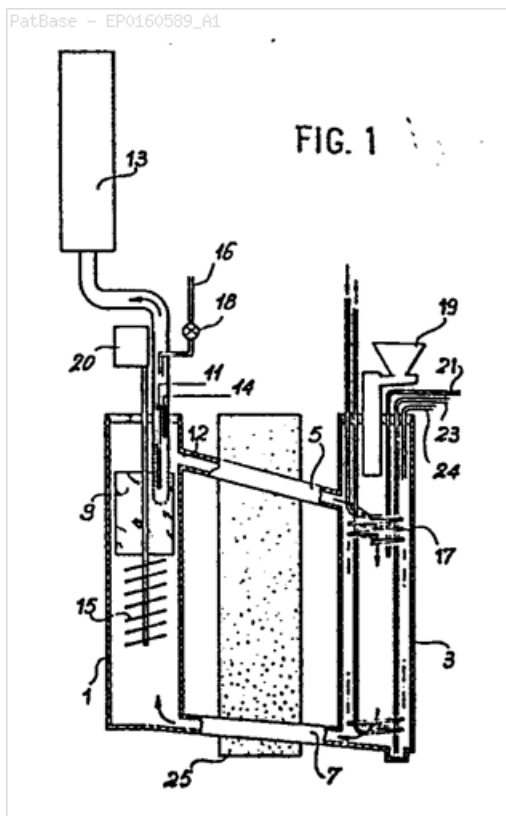
International (IPC 8-9): C01G56/00 G21C19/46 G21F9/00 G21F9/06 (Advanced/Invention);

C01G56/00 G21C19/42 G21F9/00 G21F9/06 (Core/Invention)

International (IPC 1-7): B01F1/00 B01J19/08 C01G56/00 C25B15/08 G21C19/46

CPC: Y02W30/883 C01G56/004 C01G56/008 G21C19/46

European: C01G56/00F C01G56/00H2 G21C19/46

**Family:**

Publication number	Publication date	Application number	Application date
DE3564097 D1	19880908	DE19853564097	19850321
EP0160589 A1	19851106	EP19850400539	19850321
EP0160589 B1	19880803	EP19850400539	19850321
FR2561942 A1	19851004	FR19840004766	19840327
FR2561942 B1	19891020	FR19840004766	19840327
JP1834829 C3	19940411	JP19850061010	19850327
JP5045157 B4	19930708	JP19850061010	19850327
JP60224098 A2	19851108	JP19850061010	19850327

Priority:

FR19840004766 19840327

Probable Assignee: COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES**Assignee(s):** (std): COMMISSARIAT ENERGIE ATOMIQUE

Assignee(s): KOMITSUSARIA TA RENERUJII ATOMIUKU ; COMMISSARIAT A L'ENERGIE ATOMIQUE ETABLISSEMENT DE CARACTERE SCIENTIFIQUE TECHNIQUE ET INDUSTRIEL ; COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES ; COMMISSARIAT A L'ENERGIE ATOMIQUE ; COMMISSARIAT A L'ENERGIE ATOMIQUE ; COMMISSARIAT A L'ENERGIE ATOMIQUE DE CARACTERE SCIENTIFIQUE TECHNIQUE ET IND ETS ; COMMISSARIAT A L'ENERGIE ATOMIQUE DE ETS

Inventor(s): (std): MITSUSHERU REKOMUTE ; JERARUDO KEERII ; CHUURUSU MAJITSUKU ; JAKUE BUURUJE ; MADIC CHARLES ; LECOMTE MICHAEL ; BOURGES JACQUES ; KOEHLI GERARD ; CHIYUURUSU MAJITSUKU ; JIERARUDO KEERII ; JIYAKUE BUURUJE ; MITSUSHIERU REKOMUTE

Inventor(s): GERARD KOEHLI JACQUES BOURGES MICHAEL LECOMTE ET CHARLES MADIC ; GERARD KOEHLI JACQUES BOURGES MICHAEL LECOMTE ET C

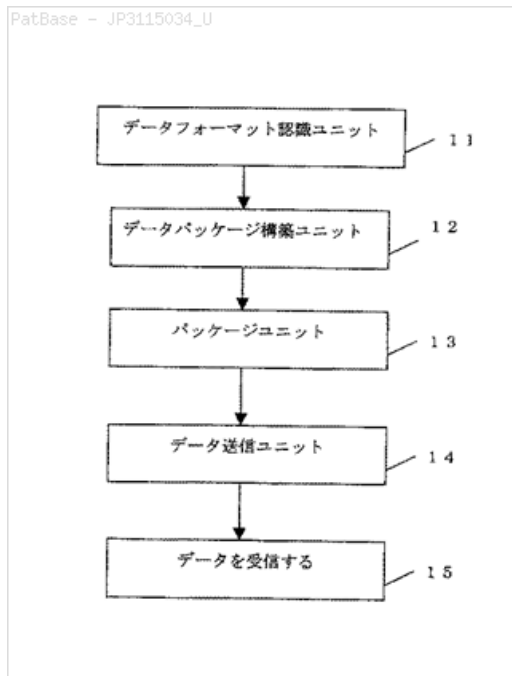
Designated states: BE DE GB**4) Family number: 42213448 (JP3115034U)**

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Title: Real-time data transmission and reception system of the video screen and handwriting input (Machine translation)**Abstract:** Source: JP3115034U

Machine translation: [summary] Send and receive real-time data to provide a system of consistent video signal and [challenge], and handwriting input data, the image data of static / dynamic, real-time transmission and reception of data performed by these simple operation recognition unit and the data format of the source and format of data waiting to be processed, in the storage medium of the computer, data storage area of the target transmission, video storage space for data, voice, and the format is different to the computer's CPU means [resolution] to the specified position in the storage area units and building a data package to build a storage area more than one and a storage area data storage area handwriting data storage area, the handwriting input, the picture, the data waiting to be processed said confirmed the data format unit and a viewing / receiving data to be displayed directly in the uppermost layer of the display screen of said computer data and messages presented in the window unit package to package, the data format stored in the data package in the area said.

Classifications:**International (IPC 1-7):** G06F13/00

**Family:**

Publication number	Publication date	Application number	Application date
JP3115034 U	20051104	JP20050005812U	20050722

Priority:

JP20050005812U 20050722

Probable Assignee:

WU KOSHIMOTO

Assignee(s):

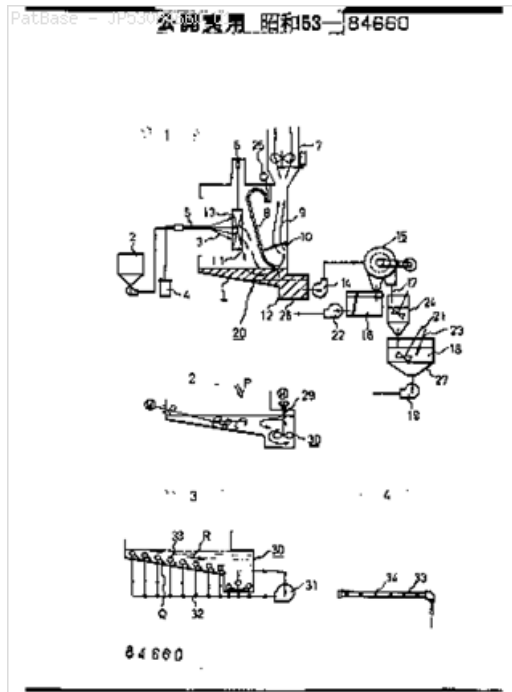
WU KOSHIMOTO

5) Family number: 37553461 (JP53084660 U1)

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Classifications:

International (IPC 8-9): B05B15/12 B05C11/10
 B05C15/00 (Advanced/Invention);
 B05B15/12 B05C11/10 B05C15/00 (Core/Invention)
International (IPC 1-7): B05C11/10 B05C15/00

**Family:**

Publication number	Publication date	Application number	Application date
JP53084660 U1	19780712	JP19760167733U	19761216
JP57042531 Y2	19820918	JP19760167733U	19761216

Priority:

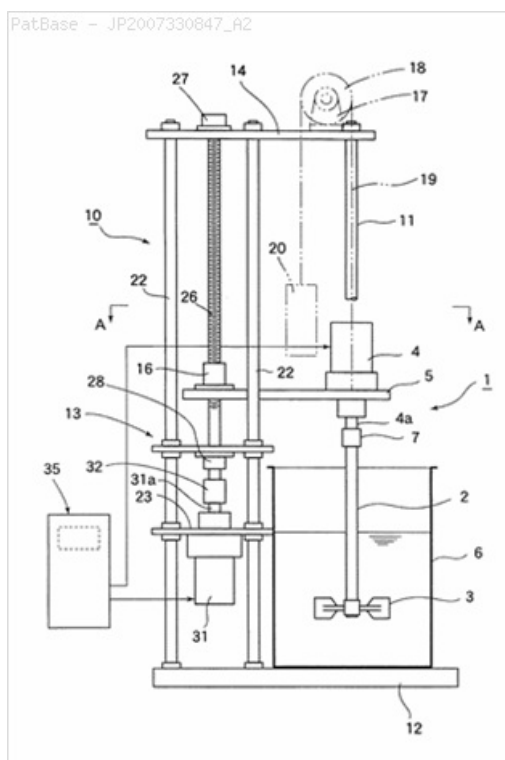
JP19760167733U 19761216

Title: STIRRING APPARATUS

Abstract: PROBLEM TO BE SOLVED: To provide a stirring apparatus capable of satisfactorily stirring highly viscous fluid using stirring blades of simple structure. SOLUTION: This stirring apparatus is composed of a servomotor 4 rotating a stirring shaft 2 having the stirring blades 3; a support body 5 supporting the servomotor 4; a servomotor 31 for vertical movement vertically moving the support body 5; and a control means 35 controlling operations of a guide mechanism (a vertical guide member 22 and a linear sleeve 15) vertically guiding the support body 5, the servomotor 4 and the servomotor 31 for vertical movement.

Classifications:

International (IPC 8-9): B01F7/16 B01F7/18 (Advanced/Invention);
B01F7/16 B01F7/18 (Core/Invention)



Family:

Publication number	Publication date	Application number	Application date
JP2007330847 A2	20071227	JP20060162494	20060612

Priority:

JP20060162494 20060612

Probable Assignee: NIPPON KAGAKU KIKAI SEIZO

Assignee(s): (std): NIPPON KAGAKU KIKAI SEIZO

Assignee(s): NIPPON KAGAKU KIKAI SEIZO KK

Inventor(s): (std): KAJIWARA SUSUMU ; IWAISHI SHINICHI

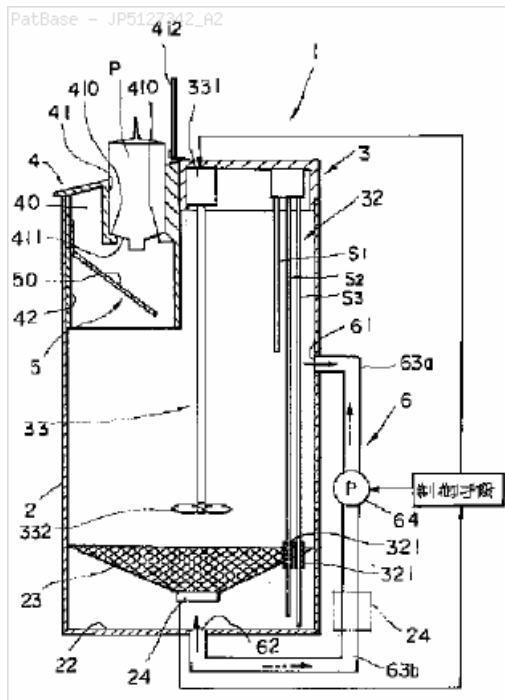
Title: PROCESSING AGENT DISSOLVING DEVICE

Abstract: PURPOSE: To restrain makeup liquid from being oxidized, deteriorated or the like by making full use of dissolving operation with high efficiency when a powder processing agent is supplied to a dissolving tank where the processing agent is dissolved. CONSTITUTION: The drive of a stirring means 33 for dissolving a processing agent and a circulating means 6 is controlled by a control means and the operation of means 33, 6 is controlled based on a detection signal from a detection means 24 for detecting the degree of dissolving of the processing agent.

Classifications:

International (IPC 8-9): B01F1/00 G03D3/06 (Advanced/Invention);
B01F1/00 G03D3/06 (Core/Invention)

International (IPC 1-7): B01F1/00 G03D3/06



Family:

Publication number	Publication date	Application number	Application date
JP5127342 A2	19930525	JP19910301004	19911021

Priority:

JP19910301004 19911021

Probable Assignee: FUJI PHOTO FILM CO LTD

Assignee(s): (std): FUJI PHOTO FILM CO LTD

Inventor(s): (std): HAGIWARA HIROSHI ; KOBAYASHI KAZUHIKO

8) Family number: 55018772 (JP2013202565A)

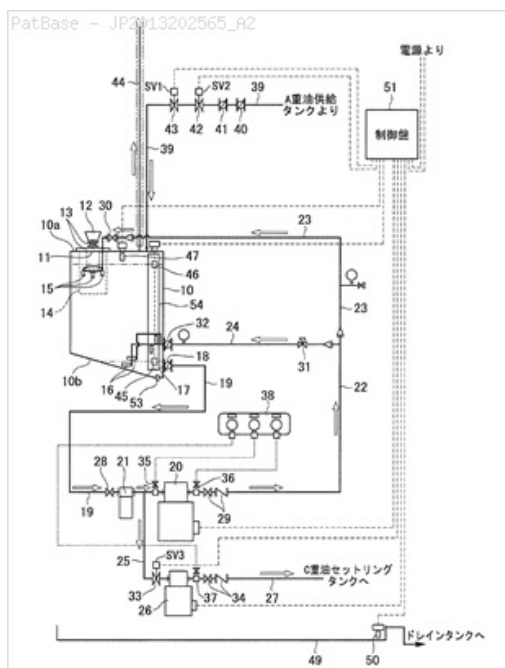
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Title: DISSOLVING DEVICE OF POWDER OR GRANULAR BODY

Abstract: PROBLEM TO BE SOLVED: To provide a dissolving device of powder or granular body which can dissolve powder entirely in a short period of time, which causes little failure and realizes easy maintenance, and which exhibits high convenience when used for dissolving a combustion improver in a fuel oil at ships. SOLUTION: A dissolving device includes a dissolving tank 10 which has a rectangular cross-section and an inclined bottom face, and which stores a solution, a powder or granular body storing unit 12 and a valve member 13 provided on an opening of the dissolving tank, a plurality of first jetting nozzles 15 which are provided near the opening in the dissolving tank and which form a jetting stream in an obliquely downward direction, a plurality of second jetting nozzles 16 which are provided at a lower portion in the dissolving tank and which form a jetting stream at least along the bottom face of the dissolving tank, and a circulating and pressurizing unit 20 which pressurizes a liquid inside the dissolving tank and supply the liquid to the plurality of first jetting nozzles and the plurality of second jetting nozzles.

Classifications:

International (IPC 8-9): B01F1/00 B01F5/02 B01F5/10 B63H21/08 B63H21/38 C10L1/30 (Advanced/Invention)



Family:

Publication number	Publication date	Application number	Application date
JP2013202565 A2	20131007	JP20120076662	20120329
JP5607098 B2	20141015	JP20120076662	20120329

Priority:

JP20120076662 20120329

Probable Assignee: MOL ENGINEERING CO LTD

Assignee(s): (std): MITSUI O S K LINES LTD ; MOL ENGINEERING CO LTD

Inventor(s): (std): SHIOZU TAKASHI ; SUGAWARA HIROSHI ; MURAKOSHI TOMOFUMI ; HATANO KUNIHIKO

9) Family number: 13277783 (JP11266799A)

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Title: DISSOLVING APPARATUS OF POWDER OR VISCOUS BODY

Abstract: PROBLEM TO BE SOLVED: To provide a dissolving apparatus of powder or a viscous body capable of precisely shearing the lump of the powder or the viscous body to form fine particles, dissolving the powder or the viscous body at a high speed, and homogenizing and emulsifying a mixed liquid at a short time. SOLUTION: This dissolving apparatus has a premixing or preconditioning tank 1 to be charged with a liquid and powder or a viscous body, and a shearing pump 5 for circulating a mixed liquid in the premixing or preconditioning tank 1. The shearing pump 5 has blades mutually intricate and relatively rotating by facing to each other at a minute distance, and the whole mixed liquid is allowed to pass through the minute distance between both blades of the shearing pump 5 to shear the lump.

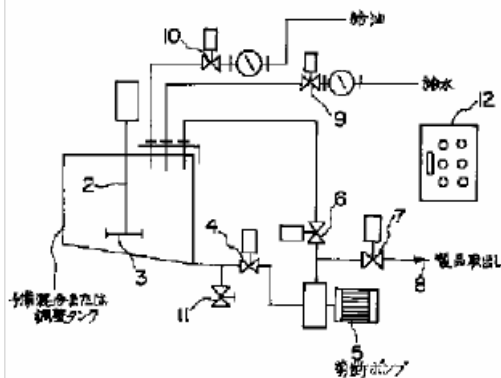
Classifications:

International (IPC 8-9): A23L1/00 A23L1/01 (Advanced/Invention);

A23L1/00 A23L1/01 (Core/Invention)

International (IPC 1-7): A23L1/00 A23L1/01

PatBase - JP11266799_A2



Family:

Publication number	Publication date	Application number	Application date
JP11266799 A2	19991005	JP19980076245	19980324

Priority:

JP19980076245 19980324

Probable Assignee:

INUI KEIKAKU KK

Assignee(s): (std):

INUI KEIKAKU KK

Inventor(s): (std):

ISHII SHIGERU