## Diagram Description

### State Transitions

- **FETCH** → **DEC** on input `F`
- **DEC** → **ADR1** on input `0xx`
- **ADC1** → **LOAD** on input `01x`
- **LOAD** → **STORE** on input `01x`
- **STORE** → **BRANCH** on input `01x`
- **BRANCH** → **FETCH** on input `xx0`
- **FETCH** → **DEC** on input `11x`

### State Labels

- **FETCH**
- **DEC**
- **ADR1**
- **LOAD**
- **STORE**
- **BRANCH**

### Input Signals

- **F**
- **DE**
- **AD**
- **L**
- **S**
- **PO**
- **SOE**
- **B**

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Resum del Llenguatge Màquina de l’MR

**Instrucció de salt**
- **BR**: 000
- **BEQ**: 001
- **BL**: 010
- **BLE**: 011
- **BNE**: 101
- **BGE**: 110
- **BG**: 111

**Instrucció A-L**
- **ADDI**: 000
- **SUBI**: 001
- **ADD**: 100
- **SUB**: 101
- **ASR**: 110
- **AND**: 111

. Llenguatge Màquina de la Màquina Rudimentària.